



MUNICIPALIDAD  
PROVINCIAL DE PIURA

PROYECTO: "MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD  
VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO  
POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA -  
DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II".

# METRADOS



MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS

Arq. PEDRO GALILEO RUIZ YESAM  
JEFE

RESUMEN DE PLANILLA DE METRADO

Presupuestal MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II

Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item     | Descripción   | Und. | Metrado  |          |          |          |
|----------|---|------|----------|----------|----------|----------|
|          |   |      | Unidad   | Longitud | Area     | Volumen  |
| 01       | <b>OBRAS PROVISIONALES</b>                                  |      |          |          |          |          |
| 01.01    | CARTEL DE IDENTIFICACION DE LA OBRA 3.60X2.40m              | und  | 1.00     |          |          |          |
| 01.02    | ALQUILER DEL LOCAL P/OFICINA Y/O ALMACEN                    | mes  | 2.00     |          |          |          |
| 01.03    | DEPOSITO PARA ALMACENAR AGUA                                | und  | 1.00     |          |          |          |
| 01.04    | ALQUILER DE SERVICIOS QUIMICOS                              | mes  | 2.00     |          |          |          |
| 02       | <b>SEGURIDAD Y SALUD EN OBRA</b>                            |      |          |          |          |          |
| 02.01    | KIT DE LIMPIEZA Y DESINFECCION PERSONAL                     | mes  | 2.00     |          |          |          |
| 02.02    | EQUIPOS DE PROTECCION INDIVIDUAL                            | und  | 30.00    |          |          |          |
| 02.03    | EQUIPOS DE PROTECCION COLECTIVA                             | glb  | 1.00     |          |          |          |
| 02.04    | SEÑALIZACION TEMPORAL DE SEGURIDAD                          | glb  | 1.00     |          |          |          |
| 02.05    | ELABORACION, IMPLEMENTACION Y ADMINISTRACION DEL PLAN DE    | glb  | 1.00     |          |          |          |
| 03       | <b>TRABAJOS PRELIMINARES</b>                                |      |          |          |          |          |
| 03.01    | LIMPIEZA DE TERRENO MANUAL                                  | m2   |          | 8,179.13 |          |          |
| 03.02    | TRAZO Y REPLANTEO INICIAL                                   | m2   |          | 8,179.13 |          |          |
| 03.03    | MOVILIZACION Y DESMOVILIZACION DE EQUIPOS Y MAQUINARIAS     | glb  | 1.00     |          |          |          |
| 03.04    | <b>DEMOLICIONES</b>   |      |          |          |          |          |
| 03.04.01 | DEMOLICION DE VEREDAS                                       | m2   |          |          | 3,701.76 |          |
| 03.04.02 | DEMOLICION DE SARDINEL DE CONCRETO                          | ml   |          | 1,059.83 |          |          |
| 03.05    | ACARREO INTERNO MAT. PROCEDENTE DE DEMOLICIONES             | m3   |          |          |          | 433.77   |
| 03.06    | ELIMINACION DE MATERIAL PROCEDENTE DE DEMOLICIONES          | m3   |          |          |          | 542.21   |
| 03.07    | TRAZO, NIVEL Y REPLANTEO C/EQUIPO DURANTE LA OBRA           | m2   |          |          | 8,179.13 |          |
| 04       | <b>PAVIMENTO RIGIDO</b>                                     |      |          |          |          |          |
| 04.01    | <b>MOVIMIENTO DE TIERRAS</b>                                |      |          |          |          |          |
| 04.01.01 | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC.       | m3   |          |          |          | 1,538.87 |
| 04.01.02 | PERFILADO, NIVELACION Y COMPACTACION DE SUB RASANTE         | m2   |          |          | 4,046.56 |          |
| 04.01.03 | BASE DE AFIRMADO (E=0.20M.) EXTENDIDO, RIEGO Y COMPACTACION | m2   |          |          | 4,046.56 |          |
| 04.01.04 | ACARREO DE MATERIAL EXCEDENTE D=50M                         | m3   |          |          |          | 1,538.87 |
| 04.01.05 | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM.      | m3   |          |          |          | 1,923.59 |
| 04.02    | <b>LOSA DE PAVIMENTO</b>                                    |      |          |          |          |          |
| 04.02.01 | ENCOFRADO Y DESENCOFRADO EN JUNTAS DE CONSTRUCCION          | m2   |          |          | 103.89   |          |
| 04.02.02 | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             | m2   |          |          | 4,046.56 |          |
| 04.02.03 | ADITIVO RETARDANTE DE EVAPORACION                           | m2   |          |          | 4,046.56 |          |
| 04.02.04 | NIVELACION Y TEXTURIZADO DE SUPERFICIE                      | m2   |          |          | 4,046.56 |          |
| 04.02.05 | CURADOR QUIMICO   | m2   |          |          | 4,046.56 |          |
| 04.02.06 | PLANCHADO (TIPO FROTACHADO) CON ALISADORA SIMPLE C/DISCO    | m2   |          |          | 4,046.56 |          |
| 04.02.07 | CORTE EN FRESCO CON DISCOS DIAMANTADOS e=2mm                | m    |          | 2,875.63 |          |          |
| 04.02.08 | ACERO EN JUNTA DE CONSTRUCCION LONGITUDINAL FIERRO          | m    |          | 692.59   |          |          |
| 04.02.09 | ACERO EN JUNTA DE CONSTRUCCION TRANSVERSAL - FIERRO LISO    | m    |          | 37.20    |          |          |
| 05       | <b>SARDINELES</b>   |      |          |          |          |          |
| 05.01    | EXCAVACION MANUAL DE ZANJAS P/SARDINEL                      | m3   |          |          |          | 74.32    |
| 05.02    | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM.      | m3   |          |          |          | 92.89    |
| 05.03    | ENCOFRADO Y DESENCOFRADO DE SARDINEL                        | m2   |          |          | 137.73   |          |
| 05.04    | CONCRETO Fc=210 KG/CM2 PARA SARDINELES INC. CURADOR         | m3   |          |          |          | 95.61    |
| 05.05    | JUNTA EN SARDINELES CON MATERIAL ELASTOMERICO               | m    |          | 130.80   |          |          |
| 06       | <b>VEREDAS Y RAMPAS</b>                                     |      |          |          |          |          |
| 06.01    | EXCAVACION MANUAL BASE DE VEREDAS Y UÑAS                    | m3   |          |          |          | 566.06   |
| 06.02    | PERFILADO Y COMPACTACION DE LA SUBRASANTE PARA VEREDAS      | m2   |          |          | 4,132.57 |          |
| 06.03    | BASE GRANULAR E=0.10 m.COMPACTADA CON EQUIPO LIVIANO        | m2   |          |          | 4,132.57 |          |
| 06.04    | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM.      | m3   |          |          |          | 707.58   |
| 06.05    | ENCOFRADO Y DESENCOFRADO NORMAL EN VEREDAS                  | m2   |          |          | 490.14   |          |
| 06.06    | CONCRETO Fc=175 Kg/cm2, P/VEREDAS INC. CURADO E=0.10M       | m2   |          |          | 4,132.57 |          |
| 06.07    | CONCRETO UÑA EN VEREDA Fc= 175 Kg/cm2 INC. ACABADO          | m3   |          |          |          | 152.80   |
| 06.08    | JUNTAS CON ASFALTO E=1"                                     | m    |          | 1,110.28 |          |          |
| 07       | <b>SEÑALIZACION</b>   |      |          |          |          |          |
| 07.01    | <b>SEÑALIZACION HORIZONTAL</b>                              |      |          |          |          |          |
| 07.01.01 | LINEA CONTINUA PINTURA BLANCA (E=0.10 M)                    | m2   |          |          | 68.09    |          |
| 07.01.02 | PINTADO DE PAVIMENTO (FLECHA SOLO DE FRENTE)                | m2   |          |          | 7.48     |          |
| 07.01.03 | PINTURA EN SARDINELES Y MARTILLOS                           | m2   |          |          | 345.93   |          |
| 07.01.04 | LINEA DE PARE PINTURA BLANCA (E=0.20 M)                     | m2   |          |          | 3.60     |          |
| 07.01.05 | PINTURA BLANCA ZEBRA PEATONAL 0.50x3.00 M.                  | m2   |          |          | 167.40   |          |
| 08       | <b>MITIGACION AMBIENTAL</b>                                 |      |          |          |          |          |
| 08.01    | REHABILITACION DE JARDINES INC. TIERRA DE CHACRA            | m2   |          |          | 3,117.44 |          |
| 08.02    | IMPLEMENTACION DE PLAN DE DESVIO Y MANTENIMIENTO DEL        | mes  | 2.00     |          |          |          |
| 08.03    | MITIGACION DEL IMPACTO AMBIENTAL                            | glb  | 1.00     |          |          |          |
| 08.04    | RIEGO DE AGUA EN EL AREA DE TRABAJO                         | glb  | 1.00     |          |          |          |
| 08.05    | LIMPIEZA FINAL DE LA OBRA                                   | m2   | 8,179.13 |          |          |          |
| 09       | <b>VARIOS</b>   |      |          |          |          |          |
| 09.01    | BAJADA DE NIVEL DE CONEXION DOMICILIARIA AGUA A RED MATRIZ  | und  | 5.00     |          |          |          |
| 09.02    | BAJADA DE CONEXION DOMICILIARIA DESAGUE TUBO PVC DN         | und  | 5.00     |          |          |          |
| 09.03    | NIVELACION DE CAJA DE AGUA Y DESAGUE                        | und  | 42.00    |          |          |          |
| 09.04    | PLACA RECORDATORIA INC. MURO                                | glb  | 1.00     |          |          |          |



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## RESUMEN DE PLANILLA DE METRADO

FOLIO: \_\_\_\_\_

Presupuest MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II

Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item     | Descripción   | Und. | Metrado  |          |          |          |
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|          |   |      | Unidad   | Longitud | Area     | Volumen  |
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| 01.01    | CARTEL DE IDENTIFICACION DE LA OBRA 3.60X2.40m              | und  | 1.00     |          |          |          |
| 01.02    | ALQUILER DEL LOCAL P/OFICINA Y/O ALMACEN                    | mes  | 2.00     |          |          |          |
| 01.03    | DEPOSITO PARA ALMACENAR AGUA                                | und  | 1.00     |          |          |          |
| 01.04    | ALQUILER DE SERVICIOS QUIMICOS                              | mes  | 2.00     |          |          |          |
| 02       | <b>SEGURIDAD Y SALUD EN OBRA</b>                            |      |          |          |          |          |
| 02.01    | KIT DE LIMPIEZA Y DESINFECCION PERSONAL                     | mes  | 2.00     |          |          |          |
| 02.02    | EQUIPOS DE PROTECCION INDIVIDUAL                            | und  | 30.00    |          |          |          |
| 02.03    | EQUIPOS DE PROTECCION COLECTIVA                             | glb  | 1.00     |          |          |          |
| 02.04    | SEÑALIZACION TEMPORAL DE SEGURIDAD                          | glb  | 1.00     |          |          |          |
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| 03       | <b>TRABAJOS PRELIMINARES</b>                                |      |          |          |          |          |
| 03.01    | LIMPIEZA DE TERRENO MANUAL                                  | m2   |          | 8,179.13 |          |          |
| 03.02    | TRAZO Y REPLANTEO INICAL                                    | m2   |          | 8,179.13 |          |          |
| 03.03    | MOVILIZACION Y DESMOVILIZACION DE EQUIPOS Y MAQUINARIAS     | glb  | 1.00     |          |          |          |
| 03.04    | <b>DEMOLICIONES</b>   |      |          |          |          |          |
| 03.04.01 | DEMOLICION DE VEREDAS                                       | m2   |          |          | 3,701.76 |          |
| 03.04.02 | DEMOLICION DE SARDINEL DE CONCRETO                          | ml   |          | 1,059.83 |          |          |
| 03.05    | ACARREO INTERNO MAT. PROCEDENTE DE DEMOLICIONES             | m3   |          |          |          | 433.77   |
| 03.06    | ELIMINACION DE MATERIAL PROCEDENTE DE DEMOLICIONES          | m3   |          |          |          | 542.21   |
| 03.07    | TRAZO, NIVEL Y REPLANTEO C/EQUIPO DURANTE LA OBRA           | m2   |          |          | 8,179.13 |          |
| 04       | <b>PAVIMENTO RIGIDO</b>                                     |      |          |          |          |          |
| 04.01    | <b>MOVIMIENTO DE TIERRAS</b>                                |      |          |          |          |          |
| 04.01.01 | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC.       | m3   |          |          |          | 1,538.87 |
| 04.01.02 | PERFILADO, NIVELACION Y COMPACTACION DE SUB RASANTE         | m2   |          |          | 4,046.56 |          |
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| 04.02    | <b>LOSA DE PAVIMENTO</b>                                    |      |          |          |          |          |
| 04.02.01 | ENCOFRADO Y DESENCOFRADO EN JUNTAS DE CONSTRUCCION          | m2   |          |          | 103.89   |          |
| 04.02.02 | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             | m2   |          |          | 4,046.56 |          |
| 04.02.03 | ADITIVO RETARDANTE DE EVAPORACION                           | m2   |          |          | 4,046.56 |          |
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| 04.02.08 | ACERO EN JUNTA DE CONSTRUCCION LONGITUDINAL FIERRO          | m    |          | 692.59   |          |          |
| 04.02.09 | ACERO EN JUNTA DE CONSTRUCCION TRANSVERSAL - FIERRO LISO    | m    |          | 37.20    |          |          |
| 05       | <b>SARDINELES</b>   |      |          |          |          |          |
| 05.01    | EXCAVACION MANUAL DE ZANJAS P/SARDINEL                      | m3   |          |          |          | 74.32    |
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| 05.03    | ENCOFRADO Y DESENCOFRADO DE SARDINEL                        | m2   |          |          | 137.73   |          |
| 05.04    | CONCRETO F'C=210 KG/CM2 PARA SARDINELES INC. CURADOR        | m3   |          |          |          | 95.61    |
| 05.05    | JUNTA EN SARIDINELES CON MATERIAL ELASTOMERICO              | m    |          | 130.80   |          |          |
| 06       | <b>VEREDAS Y RAMPAS</b>                                     |      |          |          |          |          |
| 06.01    | EXCAVACION MANUAL BASE DE VEREDAS Y UÑAS                    | m3   |          |          |          | 566.06   |
| 06.02    | PERFILADO Y COMPACTACION DE LA SUBRASANTE PARA VEREDAS      | m2   |          |          | 4,132.57 |          |
| 06.03    | BASE GRANULAR E=0.10 m.COMPACTADA CON EQUIPO LIVIANO        | m2   |          |          | 4,132.57 |          |
| 06.04    | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM.      | m3   |          |          |          | 707.58   |
| 06.05    | ENCOFRADO Y DESENCOFRADO NORMAL EN VEREDAS                  | m2   |          |          | 490.14   |          |
| 06.06    | CONCRETO Fc=175 Kg/cm2, P/VEREDAS INC. CURADO E=0.10M       | m2   |          |          | 4,132.57 |          |
| 06.07    | CONCRETO UÑA EN VEREDA Fc= 175 Kg/cm2 INC. ACABADO          | m3   |          |          |          | 152.80   |
| 06.08    | JUNTAS CON ASFALTO E=1"                                     | m    |          | 1,110.28 |          |          |
| 07       | <b>SEÑALIZACION</b>   |      |          |          |          |          |
| 07.01    | <b>SEÑALIZACION HORIZONTAL</b>                              |      |          |          |          |          |
| 07.01.01 | LINEA CONTINUA PINTURA BLANCA (E=0.10 M)                    | m2   |          |          | 68.09    |          |
| 07.01.02 | PINTADO DE PAVIMENTO (FLECHA SOLO DE FRENTE)                | m2   |          |          | 7.48     |          |
| 07.01.03 | PINTURA EN SARDINELES Y MARTILLOS                           | m2   |          |          | 345.93   |          |
| 07.01.04 | LINEA DE PARE PINTURA BLANCA (E=0.20 M)                     | m2   |          |          | 3.60     |          |
| 07.01.05 | PINTURA BLANCA ZEBRA PEATONAL 0.50x3.00 M.                  | m2   |          |          | 167.40   |          |
| 08       | <b>MITIGACION AMBIENTAL</b>                                 |      |          |          |          |          |
| 08.01    | REHABILITACION DE JARDINES INC. TIERRA DE CHACRA            | m2   |          |          | 3,117.44 |          |
| 08.02    | IMPLEMENTACION DE PLAN DE DESVIO Y MANTENIMIENTO DEL        | mes  | 2.00     |          |          |          |
| 08.03    | MITIGACION DEL IMPACTO AMBIENTAL                            | glb  | 1.00     |          |          |          |
| 08.04    | RIEGO DE AGUA EN EL AREA DE TRABAJO                         | glb  | 1.00     |          |          |          |
| 08.05    | LIMPIEZA FINAL DE LA OBRA                                   | m2   | 8,179.13 |          |          |          |
| 09       | <b>VARIOS</b>   |      |          |          |          |          |
| 09.01    | BAJADA DE NIVEL DE CONEXION DOMICILIARIA AGUA A RED MATRIZ  | und  | 5.00     |          |          |          |
| 09.02    | BAJADA DE CONEXIÓN DOMICILIARIA DESAGUE TUBO PVC DN         | und  | 5.00     |          |          |          |
| 09.03    | NIVELACION DE CAJA DE AGUA Y DESAGUE                        | und  | 42.00    |          |          |          |
| 09.04    | PLACA RECORDATORIA INC. MURO                                | glb  | 1.00     |          |          |          |

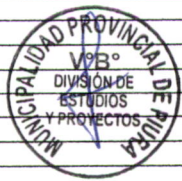
MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOSArq. PEDRO GALILEO RUIZ YESAN  
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PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item     | Descripción   | Und.           | Elementos |       |       |        | Metrado |          |          |         |
|----------|---|----------------|-----------|-------|-------|--------|---------|----------|----------|---------|
|          |   |                | N°        | Largo | Ancho | Altura | Unidad  | Longitud | Area     | Volumen |
| 01       | OBRAS PROVISIONALES                                     |                |           |       |       |        |         |          |          |         |
| 01.01    | CARTEL DE IDENTIFICACION DE LA OBRA 3.60X2.40m          | und            | 1.00      |       |       |        | 1.00    |          |          |         |
| 01.02    | ALQUILER DEL LOCAL P/OFICINA Y/O ALMACEN                | mes            | 2.00      |       |       |        | 2.00    |          |          |         |
| 01.03    | DEPOSITO PARA ALMACENAR AGUA                            | und            | 1.00      |       |       |        | 1.00    |          |          |         |
| 01.04    | ALQUILER DE SERVICIOS QUIMICOS                          | mes            | 2.00      |       |       |        | 2.00    |          |          |         |
| 02       | SEGURIDAD Y SALUD EN OBRA                               |                |           |       |       |        |         |          |          |         |
| 02.01    | KIT DE LIMPIEZA Y DESINFECCION PERSONAL                 | mes            | 2.00      |       |       |        | 2.00    |          |          |         |
| 02.02    | EQUIPOS DE PROTECCION INDIVIDUAL                        | und            | 1.00      |       |       |        | 30.00   |          |          |         |
| 02.03    | EQUIPOS DE PROTECCION COLECTIVA                         | glb            | 1.00      |       |       |        | 1.00    |          |          |         |
| 02.04    | SEÑALIZACION TEMPORAL DE SEGURIDAD                      | glb            | 1.00      |       |       |        | 1.00    |          |          |         |
| 02.05    | ELABORACION, IMPLEMENTACION Y ADMINISTRACION DEL PLAN   | glb            | 1.00      |       |       |        | 1.00    |          |          |         |
|          | TRABAJOS PRELIMINARES                                   |                |           |       |       |        |         |          |          |         |
|          | LIMPIEZA DE TERRENO MANUAL                              | m2             |           |       |       |        |         | 8,179.13 |          |         |
|          | AREA DE PISTA   |                |           |       |       |        |         | 4,046.56 |          |         |
|          | AREA DE VEREDA - RAMPA                                  |                |           |       |       |        |         | 4,132.57 |          |         |
| 03.02    | TRAZO Y REPLANTEO INICAL                                | m2             |           |       |       |        |         | 8,179.13 |          |         |
|          | LIMPIEZA DE TERRENO MANUAL                              |                |           |       |       |        |         | 8,179.13 |          |         |
| 03.03    | MOVILIZACION Y DESMOVILIZACION DE EQUIPOS Y MAQUINARIAS | glb            | 1.00      |       |       |        | 1.00    |          |          |         |
| 03.04    | DEMOLICIONES  |                |           |       |       |        |         |          |          |         |
| 03.04.01 | DEMOLICION DE VEREDAS                                   | m2             |           |       |       |        |         |          | 3,701.76 |         |
|          | MANZANA A   | De plano LT-01 |           |       |       |        |         |          | 638.95   |         |
|          | INGRESOS AVENIDA B                                      |                |           |       |       |        |         |          | 7.57     |         |
|          |   |                |           |       |       |        |         |          | 3.15     |         |
|          |   |                |           |       |       |        |         |          | 1.56     |         |
|          |   |                |           |       |       |        |         |          | 1.51     |         |
|          |   |                |           |       |       |        |         |          | 1.50     |         |
|          |   |                |           |       |       |        |         |          | 1.51     |         |
|          |   |                |           |       |       |        |         |          | 5.98     |         |
|          |   |                |           |       |       |        |         |          | 1.50     |         |
|          |   |                |           |       |       |        |         |          | 1.51     |         |
|          |   |                |           |       |       |        |         |          | 1.50     |         |
|          |   |                |           |       |       |        |         |          | 1.51     |         |
|          |   |                |           |       |       |        |         |          | 19.76    |         |
|          |   |                |           |       |       |        |         |          | 2.47     |         |
|          |   |                |           |       |       |        |         |          | 7.39     |         |
|          |   |                |           |       |       |        |         |          | 7.36     |         |
|          |   |                |           |       |       |        |         |          | 2.45     |         |
|          | INGRESOS JR. H  |                |           |       |       |        |         |          | 6.53     |         |
|          |   |                |           |       |       |        |         |          | 6.53     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 6.53     |         |
|          |   |                |           |       |       |        |         |          | 1.31     |         |
|          |   |                |           |       |       |        |         |          | 1.31     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 7.63     |         |
|          |   |                |           |       |       |        |         |          | 7.63     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 1.31     |         |
|          |   |                |           |       |       |        |         |          | 1.31     |         |
|          |   |                |           |       |       |        |         |          | 1.31     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |
|          |   |                |           |       |       |        |         |          | 13.08    |         |
|          |   |                |           |       |       |        |         |          | 8.70     |         |
|          |   |                |           |       |       |        |         |          | 2.18     |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
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 JEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item              | Descripción        | Und. | Elementos |       |       |        | Metrado |          |        |         |
|-------------------|--------------------|------|-----------|-------|-------|--------|---------|----------|--------|---------|
|                   |                    |      | N°        | Largo | Ancho | Altura | Unidad  | Longitud | Area   | Volumen |
| MANZANA B         |                    |      |           |       |       |        |         |          | 162.37 |         |
|                   | INGRESOS AVENIDA B |      |           |       |       |        |         |          | 2.25   |         |
|                   |                    |      |           |       |       |        |         |          | 17.21  |         |
|                   | INGRESOS JIRON H   |      |           |       |       |        |         |          | 7.16   |         |
|                   |                    |      |           |       |       |        |         |          | 1.47   |         |
|                   |                    |      |           |       |       |        |         |          | 1.48   |         |
| MANZANA C         |                    |      |           |       |       |        |         |          | 270.39 |         |
|                   | INGRESOS JIRON F   |      |           |       |       |        |         |          | 7.85   |         |
|                   |                    |      |           |       |       |        |         |          | 7.85   |         |
|                   |                    |      |           |       |       |        |         |          | 1.35   |         |
|                   |                    |      |           |       |       |        |         |          | 1.35   |         |
|                   |                    |      |           |       |       |        |         |          | 2.25   |         |
|                   |                    |      |           |       |       |        |         |          | 17.83  |         |
|                   |                    |      |           |       |       |        |         |          | 6.78   |         |
| MANZANA H         |                    |      |           |       |       |        |         |          | 412.11 |         |
|                   | INGRESO JIRON H    |      |           |       |       |        |         |          | 10.92  |         |
|                   |                    |      |           |       |       |        |         |          | 8.72   |         |
|                   |                    |      |           |       |       |        |         |          | 1.30   |         |
|                   |                    |      |           |       |       |        |         |          | 1.30   |         |
|                   | INGRESO JIRON G    |      |           |       |       |        |         |          | 6.47   |         |
| MANZANA I         |                    |      |           |       |       |        |         |          | 412.50 |         |
| MANZANA D         |                    |      |           |       |       |        |         |          | 687.63 |         |
|                   | INGRESO JIRON H    |      |           |       |       |        |         |          | 2.15   |         |
|                   | INGRESO JIRON C    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 2.45   |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
|                   |                    |      |           |       |       |        |         |          | 2.45   |         |
|                   |                    |      |           |       |       |        |         |          | 2.45   |         |
|                   |                    |      |           |       |       |        |         |          | 14.70  |         |
|                   |                    |      |           |       |       |        |         |          | 14.70  |         |
|                   |                    |      |           |       |       |        |         |          | 7.35   |         |
| INGRESO AVENIDA A |                    |      |           |       |       |        |         |          | 9.00   |         |
|                   | INGRESO JIRON D    |      |           |       |       |        |         |          | 2.24   |         |
|                   |                    |      |           |       |       |        |         |          | 1.34   |         |
|                   |                    |      |           |       |       |        |         |          | 1.34   |         |
|                   |                    |      |           |       |       |        |         |          | 1.34   |         |
|                   |                    |      |           |       |       |        |         |          | 1.34   |         |
|                   |                    |      |           |       |       |        |         |          | 2.34   |         |
|                   |                    |      |           |       |       |        |         |          | 11.02  |         |
|                   |                    |      |           |       |       |        |         |          | 2.87   |         |
|                   |                    |      |           |       |       |        |         |          | 10.97  |         |
|                   |                    |      |           |       |       |        |         |          | 10.97  |         |
|                   |                    |      |           |       |       |        |         |          | 10.93  |         |
|                   |                    |      |           |       |       |        |         |          | 2.17   |         |
|                   |                    |      |           |       |       |        |         |          | 2.17   |         |
| MANZANA E         |                    |      |           |       |       |        |         |          | 558.35 |         |
|                   | INGRESO AVENIDA A  |      |           |       |       |        |         |          | 3.00   |         |
|                   |                    |      |           |       |       |        |         |          | 8.98   |         |
|                   |                    |      |           |       |       |        |         |          | 3.00   |         |
|                   |                    |      |           |       |       |        |         |          | 1.80   |         |
|                   |                    |      |           |       |       |        |         |          | 1.80   |         |
|                   |                    |      |           |       |       |        |         |          | 3.00   |         |
|                   |                    |      |           |       |       |        |         |          | 9.00   |         |
|                   |                    |      |           |       |       |        |         |          | 3.00   |         |
|                   |                    |      |           |       |       |        |         |          | 1.80   |         |
|                   |                    |      |           |       |       |        |         |          | 1.80   |         |
|                   |                    |      |           |       |       |        |         |          | 9.00   |         |
|                   |                    |      |           |       |       |        |         |          | 1.80   |         |
|                   |                    |      |           |       |       |        |         |          | 1.80   |         |
|                   |                    |      |           |       |       |        |         |          | 2.40   |         |
|                   | INGRESO JIRON G    |      |           |       |       |        |         |          | 1.29   |         |
|                   |                    |      |           |       |       |        |         |          | 1.29   |         |
|                   |                    |      |           |       |       |        |         |          | 2.15   |         |
|                   |                    |      |           |       |       |        |         |          | 1.29   |         |
|                   |                    |      |           |       |       |        |         |          | 1.29   |         |
|                   |                    |      |           |       |       |        |         |          | 2.15   |         |
|                   |                    |      |           |       |       |        |         |          | 2.15   |         |
|                   |                    |      |           |       |       |        |         |          | 8.65   |         |
|                   |                    |      |           |       |       |        |         |          | 2.13   |         |



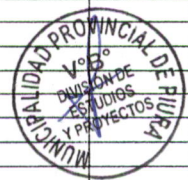
MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Arq. PEDRO GALILEO RUIZ YESAN  
 JEFE



PLANILLA DE METRADO

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 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item     | Descripción   | Und.           | Elementos |          |       |        | Metrado  |          |      |          |          |
|----------|---|----------------|-----------|----------|-------|--------|----------|----------|------|----------|----------|
|          |   |                | N°        | Largo    | Ancho | Altura | Unidad   | Longitud | Area | Volumen  |          |
|          |   |                |           |          |       |        |          |          |      | 1.29     |          |
|          |   |                |           |          |       |        |          |          |      | 1.29     |          |
|          |   |                |           |          |       |        |          |          |      | 2.15     |          |
| 03.04.02 | DEMOLICION DE SARDINEL DE CONCRETO                          | ml             |           |          |       |        |          |          |      | 1,059.83 |          |
|          | MANZANA A   | De plano LT-01 |           |          |       |        |          |          |      |          |          |
|          | JIRON H   |                |           |          |       |        |          |          |      | 154.84   |          |
|          | JIRON F   |                |           |          |       |        |          |          |      | 33.71    |          |
|          | MANZANA B   |                |           |          |       |        |          |          |      |          |          |
|          | JIRON F   |                |           |          |       |        |          |          |      | 33.64    |          |
|          | MANZANA C   |                |           |          |       |        |          |          |      |          |          |
|          | JIRON F   |                |           |          |       |        |          |          |      | 107.18   |          |
|          | MANZANA H   |                |           |          |       |        |          |          |      |          |          |
|          | JIRON H   |                |           |          |       |        |          |          |      | 42.11    |          |
|          | JIRON F   |                |           |          |       |        |          |          |      | 107.18   |          |
|          | JIRON G   |                |           |          |       |        |          |          |      | 42.11    |          |
|          | MANZANA I   |                |           |          |       |        |          |          |      |          |          |
|          | JIRON G   |                |           |          |       |        |          |          |      | 42.24    |          |
|          | JIRON D   |                |           |          |       |        |          |          |      | 107.00   |          |
|          | JIRON H   |                |           |          |       |        |          |          |      | 42.24    |          |
|          | MANZANA D   |                |           |          |       |        |          |          |      |          |          |
|          | JIRON H   |                |           |          |       |        |          |          |      | 35.45    |          |
|          | JIRON D   |                |           |          |       |        |          |          |      | 157.96   |          |
|          | MANZANA E   |                |           |          |       |        |          |          |      |          |          |
|          | JIRON D   |                |           |          |       |        |          |          |      | 33.94    |          |
|          | JIRON G   |                |           |          |       |        |          |          |      | 120.23   |          |
| 03.05    | ACARREO INTERNO MAT. PROCEDENTE DE DEMOLICIONES             | m3             |           |          |       |        |          |          |      |          | 433.77   |
|          | DEMOLICION DE VEREDAS                                       | 3,701.76       |           |          |       |        | 0.10     |          |      |          | 370.18   |
|          | DEMOLICION DE SARDINEL DE CONCRETO                          |                |           | 1,059.83 | 0.20  | 0.30   |          |          |      |          | 63.59    |
| 03.06    | ELIMINACION DE MATERIAL PROCEDENTE DE DEMOLICIONES C/EQUIPO | m3             | F..E.     |          |       |        |          |          |      |          | 542.21   |
|          | ACARREO INTERNO MAT. PROCEDENTE DE DEMOLICIONES             | 433.77         | 1.25      |          |       |        |          |          |      |          | 542.21   |
| 03.07    | TRAZO, NIVEL Y REPLANTEO C/EQUIPO DURANTE LA OBRA           | m2             |           |          |       |        |          |          |      | 8,179.13 |          |
|          | TRAZO Y REPLANTEO INICAL                                    |                |           |          |       |        |          |          |      | 8,179.13 |          |
| 04       | PAVIMENTO RIGIDO  |                |           |          |       |        |          |          |      |          |          |
| 04.01    | MOVIMIENTO DE TIERRAS                                       |                |           |          |       |        |          |          |      |          |          |
| 04.01.01 | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC. CAR)  | m3             |           |          |       |        |          |          |      |          | 1,538.87 |
|          | JIRON H   |                |           |          |       |        |          |          |      |          | 377.43   |
|          | JIRON F   |                |           |          |       |        |          |          |      |          | 417.28   |
|          | JIRON D   |                |           |          |       |        |          |          |      |          | 489.76   |
|          | JIRON G   |                |           |          |       |        |          |          |      |          | 254.40   |
| 04.01.02 | PERFILADO, NIVELACION Y COMPACTACION DE SUB RASANTE         | m2             |           |          |       |        |          |          |      | 4,046.56 |          |
|          | JIRON H   |                |           |          |       |        |          |          |      | 1,296.15 |          |
|          | JIRON F   |                |           |          |       |        |          |          |      | 208.80   |          |
|          | JIRON D   |                |           |          |       |        |          |          |      | 664.51   |          |
|          | JIRON G   |                |           |          |       |        |          |          |      | 1,031.18 |          |
|          | JIRON G   |                |           |          |       |        |          |          |      | 845.92   |          |
| 04.01.03 | BASE DE AFIRMADO (E=0.20M.) EXTENDIDO, RIEGO Y COMPACTACION | m2             |           |          |       |        |          |          |      | 4,046.56 |          |
|          | PERFILADO, NIVELACION Y COMPACTACION DE SUB RASANTE         |                |           |          |       |        |          |          |      | 4,046.56 |          |
| 04.01.04 | ACARREO DE MATERIAL EXCEDENTE D=50M                         | m3             |           |          |       |        |          |          |      |          | 1,538.87 |
|          | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC.       |                |           |          |       |        |          |          |      |          | 1,538.87 |
| 04.01.05 | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM.      | m3             | F.E.      |          |       |        |          |          |      |          | 1,923.59 |
|          | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC.       |                | 1.25      |          |       |        | 1,538.87 |          |      |          | 1,923.59 |
| 04.02    | LOSA DE PAVIMENTO   |                |           |          |       |        |          |          |      |          |          |
| 04.02.01 | ENCOFRADO Y DESENCOFRADO EN JUNTAS DE CONSTRUCCION          | m2             |           |          |       |        |          |          |      | 103.89   |          |
|          | ACERO EN JUNTA DE CONSTRUCCION LONGITUDINAL FIERRO          |                |           |          |       |        | 692.59   |          | 0.15 |          | 103.89   |
|          | CORRIGADO 1/2" LONG 70CM @ 0.90M                            |                |           |          |       |        |          |          |      |          |          |
| 04.02.02 | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             | m2             |           |          |       |        |          |          |      | 4,046.56 |          |
|          | BASE DE AFIRMADO (E=0.20M.) EXTENDIDO, RIEGO Y COMPACTACION |                |           |          |       |        |          |          |      | 4,046.56 |          |
| 04.02.03 | ADITIVO RETARDANTE DE EVAPORACION                           | m2             |           |          |       |        |          |          |      | 4,046.56 |          |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             |                |           |          |       |        |          |          |      | 4,046.56 |          |
| 04.02.04 | NIVELACION Y TEXTURIZADO DE SUPERFICIE                      | m2             |           |          |       |        |          |          |      | 4,046.56 |          |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             |                |           |          |       |        |          |          |      | 4,046.56 |          |
| 04.02.05 | CURADOR QUIMICO   | m2             |           |          |       |        |          |          |      | 4,046.56 |          |



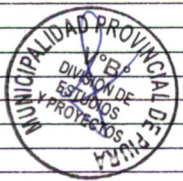
MUNICIPALIDAD PROVINCIAL DE PIURA  
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 J E F E



PLANILLA DE METRADO

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 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA

| Item     | Descripción  | Und.           | Elementos |        |       | Metrado |        |          |          |         |
|----------|--|----------------|-----------|--------|-------|---------|--------|----------|----------|---------|
|          |  |                | Nº        | Largo  | Ancho | Altura  | Unidad | Longitud | Area     | Volumen |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES          |                |           |        |       |         |        |          | 4,046.56 |         |
| 04.02.06 | PLANCHADO (TIPO FROTACHADO) CON ALISADORA SIMPLE C/DISCO | m2             |           |        |       |         |        |          | 4,046.56 |         |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES          |                |           |        |       |         |        |          | 4,046.56 |         |
| 04.02.07 | CORTE EN FRESCO CON DISCOS DIAMANTADOS e=2mm             | m              |           |        |       |         |        |          | 2,875.63 |         |
|          | JIRON H  |                |           |        |       |         |        |          | 0.00     |         |
|          | LONGITUDINAL   |                | 2.00      | 174.40 |       |         |        |          | 348.80   |         |
|          | TRANSVERSAL  |                | 78.00     | 6.20   |       |         |        |          | 483.60   |         |
|          |  |                | 2.00      | 9.00   |       |         |        |          | 18.00    |         |
|          |  |                | 2.00      | 12.50  |       |         |        |          | 25.00    |         |
|          |  |                | 2.00      | 18.00  |       |         |        |          | 36.00    |         |
|          |  |                | 2.00      | 7.70   |       |         |        |          | 15.40    |         |
|          |  |                | 2.00      | 9.70   |       |         |        |          | 19.40    |         |
|          |  |                | 2.00      | 13.15  |       |         |        |          | 26.30    |         |
|          |  |                | 2.00      | 7.50   |       |         |        |          | 15.00    |         |
|          |  |                | 2.00      | 9.30   |       |         |        |          | 18.60    |         |
|          |  |                | 2.00      | 12.30  |       |         |        |          | 24.60    |         |
|          | JIRON F  |                |           |        |       |         |        |          |          |         |
|          | LONGITUDINAL   |                | 2.00      | 33.66  |       |         |        |          | 67.32    |         |
|          |  |                | 2.00      | 10.20  |       |         |        |          | 20.40    |         |
|          | TRANSVERSAL  |                | 77.00     | 6.20   |       |         |        |          | 477.40   |         |
|          | JIRON E  |                |           |        |       |         |        |          |          |         |
|          | JIRON D  |                |           |        |       |         |        |          |          |         |
|          | LONGITUDINAL   |                | 2.00      | 158.00 |       |         |        |          | 316.00   |         |
|          |  |                | 1.00      | 14.45  |       |         |        |          | 14.45    |         |
|          |  |                | 1.00      | 10.00  |       |         |        |          | 10.00    |         |
|          |  |                | 1.00      | 6.70   |       |         |        |          | 6.70     |         |
|          |  |                | 1.00      | 6.50   |       |         |        |          | 6.50     |         |
|          | TRANSVERSAL  |                | 80.00     | 6.20   |       |         |        |          | 496.00   |         |
|          |  |                | 2.00      | 7.30   |       |         |        |          | 14.60    |         |
|          |  |                | 2.00      | 9.00   |       |         |        |          | 18.00    |         |
|          |  |                | 2.00      | 12.20  |       |         |        |          | 24.40    |         |
|          | JIRON G  |                |           |        |       |         |        |          |          |         |
|          | LONGITUDINAL   |                | 2.00      | 118.93 |       |         |        |          | 237.86   |         |
|          | TRANSVERSAL  |                |           |        |       |         |        |          |          |         |
|          |  |                | 1.00      | 7.60   |       |         |        |          | 7.60     |         |
|          |  |                | 2.00      | 9.00   |       |         |        |          | 18.00    |         |
|          |  |                | 1.00      | 10.00  |       |         |        |          | 10.00    |         |
|          |  |                | 2.00      | 2.60   |       |         |        |          | 5.20     |         |
|          |  |                | 3.00      | 7.70   |       |         |        |          | 23.10    |         |
|          |  |                | 1.00      | 10.00  |       |         |        |          | 10.00    |         |
|          |  |                | 2.00      | 12.10  |       |         |        |          | 24.20    |         |
|          | ACERO EN JUNTA DE CONSTRUCCION TRANSVERSAL - FIERRO      |                |           |        |       |         |        |          | 37.20    |         |
| 04.02.08 | ACERO EN JUNTA DE CONSTRUCCION LONGITUDINAL FIERRO COR   | m              |           |        |       |         |        |          | 692.59   |         |
|          | JIRON H  |                |           | 187.43 |       |         |        |          | 187.43   |         |
|          | JIRON G  |                |           | 131.18 |       |         |        |          | 131.18   |         |
|          | JIRON F  |                |           | 185.44 |       |         |        |          | 185.44   |         |
|          | JIRON D  |                |           | 188.54 |       |         |        |          | 188.54   |         |
| 04.02.09 | ACERO EN JUNTA DE CONSTRUCCION TRANSVERSAL - FIERRO LIS  | m              |           |        |       |         |        |          | 37.20    |         |
|          | JIRON F  |                |           | 6.20   |       |         |        |          | 6.20     |         |
|          |  |                |           | 6.20   |       |         |        |          | 6.20     |         |
|          |  |                |           | 6.20   |       |         |        |          | 6.20     |         |
|          |  |                |           | 6.20   |       |         |        |          | 6.20     |         |
|          | JIRON D  |                |           | 6.20   |       |         |        |          | 6.20     |         |
|          |  |                |           | 6.20   |       |         |        |          | 6.20     |         |
| 05       | SARDINELES   |                |           |        |       |         |        |          |          |         |
| 05.01    | EXCAVACION MANUAL DE ZANJAS P/SARDINEL                   | m3             |           |        |       |         |        |          |          | 74.32   |
|          | MANZANA A  | De plano PP-01 |           |        |       |         |        |          |          |         |
|          | JIRON H  |                |           | 6.36   | 0.20  | 0.35    |        |          |          | 0.45    |
|          |  |                |           | 1.41   | 0.20  | 0.35    |        |          |          | 0.10    |
|          |  |                |           | 17.37  | 0.20  | 0.35    |        |          |          | 1.22    |
|          |  |                |           | 1.00   | 0.20  | 0.35    |        |          |          | 0.07    |
|          |  |                |           | 3.22   | 0.20  | 0.35    |        |          |          | 0.23    |
|          |  |                |           | 5.00   | 0.20  | 0.35    |        |          |          | 0.35    |
|          |  |                |           | 1.20   | 0.20  | 0.35    |        |          |          | 0.08    |
|          |  |                |           | 1.48   | 0.20  | 0.35    |        |          |          | 0.10    |
|          |  |                |           | 1.10   | 0.20  | 0.35    |        |          |          | 0.08    |
|          |  |                |           | 0.33   | 0.20  | 0.35    |        |          |          | 0.02    |
|          |  |                |           | 1.20   | 0.20  | 0.35    |        |          |          | 0.08    |
|          |  |                |           | 2.13   | 0.20  | 0.35    |        |          |          | 0.15    |
|          |  |                |           | 2.11   | 0.20  | 0.35    |        |          |          | 0.15    |
|          |  |                |           | 0.94   | 0.20  | 0.35    |        |          |          | 0.07    |
|          |  |                |           | 1.63   | 0.20  | 0.35    |        |          |          | 0.11    |
|          |  |                |           | 2.06   | 0.20  | 0.35    |        |          |          | 0.15    |



MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
Arq. PEDRO GALILEO RUIZ YESAN  
JEFE



PLANILLA DE METRADO

FOLIO: \_\_\_\_\_

MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar: PIURA - PIURA - PIURA

| Item  | Descripción   | Und. | Elementos    |       |       | Unidad | Metrado |                | Volumen |
|-------|---|------|--------------|-------|-------|--------|---------|----------------|---------|
|       |   |      | N°           | Largo | Ancho |        | Altura  | Longitud       |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 2.00         | 0.20  | 0.35  |        |         | 0.14           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 2.72         | 0.20  | 0.35  |        |         | 0.19           |         |
|       |   |      | 6.47         | 0.20  | 0.35  |        |         | 0.45           |         |
|       |   |      | 14.76        | 0.20  | 0.35  |        |         | 1.03           |         |
|       |   |      | 1.10         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 2.48         | 0.20  | 0.35  |        |         | 0.17           |         |
|       |   |      | 4.00         | 0.20  | 0.35  |        |         | 0.28           |         |
|       |   |      | 2.09         | 0.20  | 0.35  |        |         | 0.15           |         |
|       | JIRON F   |      | 31.72        | 0.20  | 0.35  |        |         | 2.22           |         |
|       | FRENTE  |      | 196.44       | 0.20  | 0.35  |        |         | 13.75          |         |
|       | MANZANA B   |      | 31.65        | 0.20  | 0.35  |        |         | 2.22           |         |
|       | MANZANA C   |      | 16.78        | 0.20  | 0.35  |        |         | 1.17           |         |
|       | JIRON F   |      | 1.40         | 0.20  | 0.35  |        |         | 0.10           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 11.95        | 0.20  | 0.35  |        |         | 0.84           |         |
|       |   |      | 9.00         | 0.20  | 0.35  |        |         | 0.63           |         |
|       |   |      | 36.41        | 0.20  | 0.35  |        |         | 2.55           |         |
|       | MANZANA H   |      | 22.51        | 0.20  | 0.35  |        |         | 1.58           |         |
|       | JIRON H   |      | 4.15         | 0.20  | 0.35  |        |         | 0.29           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       | JIRON G   |      | 2.05         | 0.20  | 0.35  |        |         | 0.14           |         |
|       |   |      | 13.96        | 0.20  | 0.35  |        |         | 0.98           |         |
|       | JIRON G   |      | 23.15        | 0.20  | 0.35  |        |         | 1.62           |         |
|       |   |      | 105.18       | 0.20  | 0.35  |        |         | 7.36           |         |
|       | MANZANA I   |      | 40.24        | 0.20  | 0.35  |        |         | 0.07           |         |
|       | JIRON H   |      | 104.01       | 0.20  | 0.35  |        |         | 2.82           |         |
|       | JIRON D   |      | 40.29        | 0.20  | 0.35  |        |         | 2.28           |         |
|       | JIRON G   |      |              |       |       |        |         |                |         |
|       | MANZANA D   |      | 14.25        | 0.20  | 0.35  |        |         | 1.00           |         |
|       | JIRON H   |      | 18.20        | 0.20  | 0.35  |        |         | 1.27           |         |
|       | JIRON D   |      | 17.94        | 0.20  | 0.35  |        |         | 1.26           |         |
|       |   |      | 4.09         | 0.20  | 0.35  |        |         | 0.29           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 6.53         | 0.20  | 0.35  |        |         | 0.46           |         |
|       |   |      | 5.90         | 0.20  | 0.35  |        |         | 0.41           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 5.30         | 0.20  | 0.35  |        |         | 0.37           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 2.02         | 0.20  | 0.35  |        |         | 0.14           |         |
|       |   |      | 13.93        | 0.20  | 0.35  |        |         | 0.98           |         |
|       |   |      | 1.71         | 0.20  | 0.35  |        |         | 0.12           |         |
|       |   |      | 8.00         | 0.20  | 0.35  |        |         | 0.56           |         |
|       |   |      | 1.80         | 0.20  | 0.35  |        |         | 0.13           |         |
|       |   |      | 4.21         | 0.20  | 0.35  |        |         | 0.29           |         |
|       |   |      | 19.25        | 0.20  | 0.35  |        |         | 1.35           |         |
|       |   |      | 7.45         | 0.20  | 0.35  |        |         | 0.52           |         |
|       |   |      | 8.16         | 0.20  | 0.35  |        |         | 0.57           |         |
|       |   |      | 15.20        | 0.20  | 0.35  |        |         | 1.06           |         |
|       | MANZANA E   |      |              |       |       |        |         |                |         |
|       | JIRON G   |      | 19.18        | 0.20  | 0.35  |        |         | 1.34           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 3.04         | 0.20  | 0.35  |        |         | 0.21           |         |
|       |   |      | 9.90         | 0.20  | 0.35  |        |         | 0.69           |         |
|       |   |      | 2.52         | 0.20  | 0.35  |        |         | 0.18           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 6.10         | 0.20  | 0.35  |        |         | 0.43           |         |
|       |   |      | 7.02         | 0.20  | 0.35  |        |         | 0.49           |         |
|       |   |      | 3.32         | 0.20  | 0.35  |        |         | 0.23           |         |
|       |   |      | 3.51         | 0.20  | 0.35  |        |         | 0.25           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 17.81        | 0.20  | 0.35  |        |         | 1.25           |         |
|       |   |      | 4.06         | 0.20  | 0.35  |        |         | 0.28           |         |
|       |   |      | 1.20         | 0.20  | 0.35  |        |         | 0.08           |         |
|       |   |      | 4.22         | 0.20  | 0.35  |        |         | 0.30           |         |
|       |   |      | 1.40         | 0.20  | 0.35  |        |         | 0.10           |         |
|       | JIRON D   |      | 31.94        | 0.20  | 0.35  |        |         | 2.24           |         |
| 05.02 | ELIMINACION DE MATERIAL DE CORTE C/QUIFO Dprom =12KM.<br>EXCAVACION MANUAL DE ZANJAS P/SARDINEL | m3   | F.E.<br>1.25 | 74.32 |       |        |         | 92.89<br>92.89 |         |
| 05.03 | ENCOFRADO Y DESENCOFRADO DE SARDINEL  | m2   |              |       |       |        |         | 137.73         |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
Atq. PEDRO GALILEO RUIZ YESAN  
JEFE







PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA AV PLOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II

Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item | Descripción | Und. | Elementos |        |       | Unidad | Metrado |          | Volumen |
|------|-------------|------|-----------|--------|-------|--------|---------|----------|---------|
|      |             |      | N°        | Largo  | Ancho |        | Altura  | Longitud |         |
|      |             |      | 2,00      | 4,15   | 0,20  | 0,35   |         | 0,58     |         |
|      |             |      | 3,00      |        | 0,20  | 0,20   |         | 0,12     |         |
|      |             |      | 2,00      | 1,20   | 0,20  | 0,35   |         | 0,17     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 2,05   | 0,20  | 0,35   |         | 0,29     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      | JIRON G     |      | 2,00      | 13,96  | 0,20  | 0,35   |         | 1,95     |         |
|      |             |      | 6,00      |        | 0,20  | 0,20   |         | 0,24     |         |
|      |             |      | 2,00      | 23,15  | 0,20  | 0,35   |         | 3,24     |         |
|      |             |      | 9,00      |        | 0,20  | 0,20   |         | 0,36     |         |
|      | JIRON F     |      | 2,00      | 105,18 | 0,20  | 0,35   |         | 14,73    |         |
|      |             |      | 37,00     |        | 0,20  | 0,20   |         | 1,48     |         |
|      | MANZANA I   |      |           |        |       |        |         | 0,00     |         |
|      | JIRON H     |      | 2,00      | 40,24  | 0,20  | 0,35   |         | 5,63     |         |
|      |             |      | 15,00     |        | 0,20  | 0,20   |         | 0,60     |         |
|      | JIRON D     |      | 2,00      | 104,01 | 0,20  | 0,35   |         | 14,56    |         |
|      |             |      | 36,00     |        | 0,20  | 0,20   |         | 1,44     |         |
|      | JIRON G     |      | 2,00      | 40,29  | 0,20  | 0,35   |         | 5,64     |         |
|      |             |      | 15,00     |        | 0,20  | 0,20   |         | 0,60     |         |
|      | MANZANA D   |      |           |        |       |        |         | 0,00     |         |
|      | JIRON H     |      | 2,00      | 14,25  | 0,20  | 0,35   |         | 2,00     |         |
|      |             |      | 6,00      |        | 0,20  | 0,20   |         | 0,24     |         |
|      |             |      | 2,00      | 18,20  | 0,20  | 0,35   |         | 2,55     |         |
|      |             |      | 8,00      |        | 0,20  | 0,20   |         | 0,32     |         |
|      | JIRON D     |      | 2,00      | 17,94  | 0,20  | 0,35   |         | 2,51     |         |
|      |             |      | 7,00      |        | 0,20  | 0,20   |         | 0,28     |         |
|      |             |      | 2,00      | 4,09   | 0,20  | 0,35   |         | 0,57     |         |
|      |             |      | 3,00      |        | 0,20  | 0,20   |         | 0,12     |         |
|      |             |      | 2,00      | 1,20   | 0,20  | 0,35   |         | 0,17     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 6,53   | 0,20  | 0,35   |         | 0,91     |         |
|      |             |      | 4,00      |        | 0,20  | 0,20   |         | 0,16     |         |
|      |             |      | 2,00      | 5,90   | 0,20  | 0,35   |         | 0,83     |         |
|      |             |      | 3,00      |        | 0,20  | 0,20   |         | 0,12     |         |
|      |             |      | 2,00      | 1,20   | 0,20  | 0,35   |         | 0,17     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 5,30   | 0,20  | 0,35   |         | 0,74     |         |
|      |             |      | 3,00      |        | 0,20  | 0,20   |         | 0,12     |         |
|      |             |      | 2,00      | 1,20   | 0,20  | 0,35   |         | 0,17     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 2,02   | 0,20  | 0,35   |         | 0,28     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 13,93  | 0,20  | 0,35   |         | 1,95     |         |
|      |             |      | 6,00      |        | 0,20  | 0,20   |         | 0,24     |         |
|      |             |      | 2,00      | 1,71   | 0,20  | 0,35   |         | 0,24     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 8,00   | 0,20  | 0,35   |         | 1,12     |         |
|      |             |      | 4,00      |        | 0,20  | 0,20   |         | 0,16     |         |
|      |             |      | 2,00      | 1,80   | 0,20  | 0,35   |         | 0,25     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 4,21   | 0,20  | 0,35   |         | 0,59     |         |
|      |             |      | 3,00      |        | 0,20  | 0,20   |         | 0,12     |         |
|      |             |      | 2,00      | 19,25  | 0,20  | 0,35   |         | 2,70     |         |
|      |             |      | 8,00      |        | 0,20  | 0,20   |         | 0,32     |         |
|      |             |      | 2,00      | 7,45   | 0,20  | 0,35   |         | 1,04     |         |
|      |             |      | 4,00      |        | 0,20  | 0,20   |         | 0,16     |         |
|      |             |      | 2,00      | 8,16   | 0,20  | 0,35   |         | 1,14     |         |
|      |             |      | 4,00      |        | 0,20  | 0,20   |         | 0,16     |         |
|      |             |      | 2,00      | 15,20  | 0,20  | 0,35   |         | 2,13     |         |
|      |             |      | 7,00      |        | 0,20  | 0,20   |         | 0,28     |         |
|      | MANZANA E   |      |           |        |       |        |         | 0,00     |         |
|      | JIRON G     |      | 2,00      | 19,18  | 0,20  | 0,35   |         | 2,69     |         |
|      |             |      | 8,00      |        | 0,20  | 0,20   |         | 0,32     |         |
|      |             |      | 2,00      | 1,20   | 0,20  | 0,35   |         | 0,17     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 3,04   | 0,20  | 0,35   |         | 0,43     |         |
|      |             |      | 3,00      |        | 0,20  | 0,20   |         | 0,12     |         |
|      |             |      | 2,00      | 9,90   | 0,20  | 0,35   |         | 1,39     |         |
|      |             |      | 5,00      |        | 0,20  | 0,20   |         | 0,35     |         |
|      |             |      | 2,00      | 2,52   | 0,20  | 0,35   |         | 0,35     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 1,20   | 0,20  | 0,35   |         | 0,16     |         |
|      |             |      | 2,00      |        | 0,20  | 0,20   |         | 0,08     |         |
|      |             |      | 2,00      | 6,10   | 0,20  | 0,35   |         | 0,85     |         |
|      |             |      | 4,00      |        | 0,20  | 0,20   |         | 0,16     |         |
|      |             |      | 2,00      | 7,02   | 0,20  | 0,35   |         | 0,98     |         |
|      |             |      | 4,00      |        | 0,20  | 0,20   |         | 0,16     |         |
|      |             |      | 2,00      | 3,32   | 0,20  | 0,35   |         | 0,46     |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
ING. PEDRO CALLEO RUIZ YESAN  
JEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción  | Und.           | Elementos |       |       | Unidad | Metrado |          | Volumen |
|-------|--|----------------|-----------|-------|-------|--------|---------|----------|---------|
|       |  |                | Nº        | Largo | Ancho |        | Altura  | Longitud |         |
| 05.04 | CONCRETO F'C-210 KG/CM2 PARA SARDINELES INC. CURADOR | m3             |           |       |       |        |         |          | 95.61   |
|       | MANZANA A  | De plano PP-01 |           |       |       |        |         |          |         |
|       | JIRON H  |                | 6.36      | 0.20  | 0.20  | 0.55   |         | 0.70     | 0.16    |
|       |  |                | 1.41      | 0.20  | 0.20  | 0.55   |         | 0.12     | 0.12    |
|       |  |                | 17.37     | 0.20  | 0.20  | 0.55   |         | 0.12     | 0.49    |
|       |  |                | 1.00      | 0.20  | 0.20  | 0.55   |         | 0.12     | 0.12    |
|       |  |                | 3.22      | 0.20  | 0.20  | 0.55   |         | 0.17     | 0.17    |
|       |  |                | 5.00      | 0.20  | 0.20  | 0.55   |         | 0.08     | 0.08    |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         | 0.28     | 0.28    |
|       |  |                | 1.48      | 0.20  | 0.20  | 0.55   |         | 0.57     | 0.57    |
|       |  |                | 1.10      | 0.20  | 0.20  | 0.55   |         | 0.12     | 0.12    |
|       |  |                | 0.33      | 0.20  | 0.20  | 0.55   |         | 0.17     | 0.17    |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         | 0.08     | 0.08    |
|       |  |                | 2.13      | 0.20  | 0.20  | 0.55   |         | 0.59     | 0.59    |
|       |  |                | 2.11      | 0.20  | 0.20  | 0.55   |         | 0.12     | 0.12    |
|       |  |                | 0.94      | 0.20  | 0.20  | 0.55   |         | 0.20     | 0.20    |
|       |  |                | 1.63      | 0.20  | 0.20  | 0.55   |         | 0.08     | 0.08    |
|       |  |                | 2.08      | 0.20  | 0.20  | 0.55   |         | 4.47     | 4.47    |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         | 0.48     | 0.48    |
|       |  |                | 2.00      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 2.72      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 6.47      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 14.76     | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 1.10      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 2.48      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 4.00      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 4.42      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 2.09      | 0.20  | 0.20  | 0.55   |         |          |         |
|       |  |                | 31.72     | 0.20  | 0.20  | 0.55   |         |          |         |
|       | MANZANA B  |                |           |       |       |        |         |          |         |
|       | JIRON F  |                | 31.65     | 0.20  | 0.20  | 0.55   |         | 3.48     | 3.48    |
|       | MANZANA C  |                |           |       |       |        |         |          |         |
|       | JIRON F  |                | 16.78     | 0.20  | 0.20  | 0.55   |         | 0.11     | 0.11    |
|       |  |                | 1.40      | 0.20  | 0.20  | 0.55   |         | 1.85     | 1.85    |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         | 0.15     | 0.15    |
|       |  |                | 11.95     | 0.20  | 0.20  | 0.55   |         | 0.13     | 0.13    |
|       |  |                | 9.00      | 0.20  | 0.20  | 0.55   |         | 1.31     | 1.31    |
|       |  |                | 36.41     | 0.20  | 0.20  | 0.55   |         | 0.99     | 0.99    |
|       | MANZANA H  |                |           |       |       |        |         |          |         |
|       | JIRON H  |                | 22.51     | 0.20  | 0.20  | 0.55   |         | 4.01     | 4.01    |
|       |  |                | 4.15      | 0.20  | 0.20  | 0.55   |         | 0.11     | 0.11    |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         | 2.48     | 2.48    |
|       |  |                | 2.05      | 0.20  | 0.20  | 0.55   |         | 0.46     | 0.46    |
|       |  |                | 13.96     | 0.20  | 0.20  | 0.55   |         | 0.13     | 0.13    |
|       |  |                | 23.15     | 0.20  | 0.20  | 0.55   |         | 1.54     | 1.54    |
|       |  |                | 105.18    | 0.20  | 0.20  | 0.55   |         | 2.55     | 2.55    |
|       | MANZANA I  |                |           |       |       |        |         |          |         |
|       | JIRON F  |                | 40.24     | 0.20  | 0.20  | 0.55   |         | 11.57    | 11.57   |
|       | JIRON H  |                | 104.01    | 0.20  | 0.20  | 0.55   |         | 0.11     | 0.11    |
|       | JIRON D  |                | 40.29     | 0.20  | 0.20  | 0.55   |         | 4.43     | 4.43    |
|       | JIRON G  |                | 14.25     | 0.20  | 0.20  | 0.55   |         | 11.44    | 11.44   |
|       | JIRON H  |                | 18.20     | 0.20  | 0.20  | 0.55   |         | 4.43     | 4.43    |
|       | JIRON D  |                | 17.94     | 0.20  | 0.20  | 0.55   |         | 1.57     | 1.57    |
|       |  |                | 4.09      | 0.20  | 0.20  | 0.55   |         | 2.00     | 2.00    |
|       |  |                | 1.20      | 0.20  | 0.20  | 0.55   |         | 1.97     | 1.97    |
|       |  |                | 6.53      | 0.20  | 0.20  | 0.55   |         | 0.45     | 0.45    |
|       |  |                |           |       |       |        |         | 0.13     | 0.13    |
|       |  |                |           |       |       |        |         | 0.72     | 0.72    |



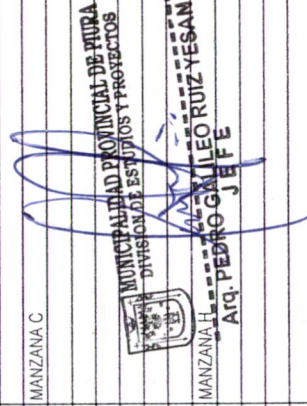
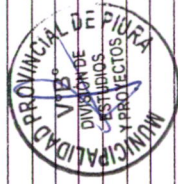
MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
Arq. PEDRO GALILEO RUIZ YESAN



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción                                    | Und.           | Elementos |       |       | Metrado |        |          |        |         |
|-------|--|----------------|-----------|-------|-------|---------|--------|----------|--------|---------|
|       |  |                | N°        | Largo | Ancho | Altura  | Unidad | Longitud | Area   | Volumen |
|       |  |                |           | 5.90  | 0.20  | 0.55    |        |          |        | 0.65    |
|       |  |                |           | 1.20  | 0.20  | 0.55    |        |          |        | 0.13    |
|       |  |                |           | 5.30  | 0.20  | 0.55    |        |          |        | 0.58    |
|       |  |                |           | 1.20  | 0.20  | 0.55    |        |          |        | 0.13    |
|       |  |                |           | 2.02  | 0.20  | 0.55    |        |          |        | 0.22    |
|       |  |                |           | 13.93 | 0.20  | 0.55    |        |          |        | 1.53    |
|       |  |                |           | 1.71  | 0.20  | 0.55    |        |          |        | 0.19    |
|       |  |                |           | 8.00  | 0.20  | 0.55    |        |          |        | 0.88    |
|       |  |                |           | 1.80  | 0.20  | 0.55    |        |          |        | 0.20    |
|       |  |                |           | 4.21  | 0.20  | 0.55    |        |          |        | 0.46    |
|       |  |                |           | 19.25 | 0.20  | 0.55    |        |          |        | 2.12    |
|       |  |                |           | 7.45  | 0.20  | 0.55    |        |          |        | 0.82    |
|       |  |                |           | 8.16  | 0.20  | 0.55    |        |          |        | 0.90    |
|       |  |                |           | 15.20 | 0.20  | 0.55    |        |          |        | 1.67    |
|       | MANZANA E                                      | JIRON G        |           | 19.18 | 0.20  | 0.55    |        |          |        | 0.11    |
|       |  |                |           | 1.20  | 0.20  | 0.55    |        |          |        | 2.11    |
|       |  |                |           | 3.04  | 0.20  | 0.55    |        |          |        | 0.13    |
|       |  |                |           | 9.90  | 0.20  | 0.55    |        |          |        | 0.33    |
|       |  |                |           | 2.52  | 0.20  | 0.55    |        |          |        | 1.09    |
|       |  |                |           | 1.20  | 0.20  | 0.55    |        |          |        | 0.28    |
|       |  |                |           | 6.10  | 0.20  | 0.55    |        |          |        | 0.13    |
|       |  |                |           | 7.02  | 0.20  | 0.55    |        |          |        | 0.67    |
|       |  |                |           | 3.32  | 0.20  | 0.55    |        |          |        | 0.77    |
|       |  |                |           | 3.51  | 0.20  | 0.55    |        |          |        | 0.37    |
|       |  |                |           | 1.20  | 0.20  | 0.55    |        |          |        | 0.39    |
|       |  |                |           | 17.81 | 0.20  | 0.55    |        |          |        | 0.13    |
|       |  |                |           | 4.06  | 0.20  | 0.55    |        |          |        | 1.96    |
|       |  |                |           | 1.20  | 0.20  | 0.55    |        |          |        | 0.45    |
|       |  |                |           | 4.22  | 0.20  | 0.55    |        |          |        | 0.13    |
|       |  |                |           | 1.40  | 0.20  | 0.55    |        |          |        | 0.46    |
|       |  |                |           | 31.94 | 0.20  | 0.55    |        |          |        | 0.15    |
|       | JIRON D  |                |           |       |       |         |        |          |        | 3.51    |
| 05.05 | JUNTA EN SARIDINELES CON MATERIAL ELASTOMERICO | m              |           |       |       |         |        |          |        |         |
|       | MANZANA A                                      | De plano PP-01 |           |       |       |         |        |          | 130.80 |         |
|       | JIRON H  |                | 3.00      | 6.36  |       | 0.40    |        |          | 1.20   |         |
|       |  |                | 1.00      | 1.41  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 6.00      | 17.37 |       | 0.40    |        |          | 2.40   |         |
|       |  |                | 1.00      | 1.00  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 2.00      | 3.22  |       | 0.40    |        |          | 0.80   |         |
|       |  |                | 2.00      | 5.00  |       | 0.40    |        |          | 0.80   |         |
|       |  |                | 1.00      | 1.20  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.48  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.10  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 0.33  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.20  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.13  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.11  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 0.94  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.63  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.08  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.20  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.00  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.20  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.72  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 3.00      | 6.47  |       | 0.40    |        |          | 1.20   |         |
|       |  |                | 5.00      | 14.76 |       | 0.40    |        |          | 2.00   |         |
|       |  |                | 1.00      | 1.10  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.48  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 2.00      | 4.00  |       | 0.40    |        |          | 0.80   |         |
|       |  |                | 2.00      | 4.42  |       | 0.40    |        |          | 0.80   |         |
|       |  |                | 1.00      | 2.09  |       | 0.40    |        |          | 0.40   |         |
|       | JIRON F  |                | 11.00     | 31.72 |       | 0.40    |        |          | 4.40   |         |
|       | MANZANA B                                      | JIRON F        |           |       |       | 0.40    |        |          | 4.40   |         |
|       | MANZANA C                                      | JIRON F        |           |       |       | 0.40    |        |          | 4.40   |         |
|       |  | JIRON F        | 6.00      | 16.78 |       | 0.40    |        |          | 2.40   |         |
|       |  |                | 1.00      | 1.40  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 1.20  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 4.00      | 11.95 |       | 0.40    |        |          | 1.60   |         |
|       |  |                | 4.00      | 9.00  |       | 0.40    |        |          | 1.60   |         |
|       |  |                | 13.00     | 36.41 |       | 0.40    |        |          | 5.20   |         |
|       |  |                | 1.00      |       |       | 0.40    |        |          | 0.40   |         |
|       |  | JIRON H        | 8.00      | 22.51 |       | 0.40    |        |          | 3.20   |         |
|       |  |                | 2.00      | 4.15  |       | 0.40    |        |          | 0.80   |         |
|       |  |                | 1.00      | 1.20  |       | 0.40    |        |          | 0.40   |         |
|       |  |                | 1.00      | 2.05  |       | 0.40    |        |          | 0.40   |         |
|       |  | JIRON G        | 5.00      | 13.96 |       | 0.40    |        |          | 2.00   |         |



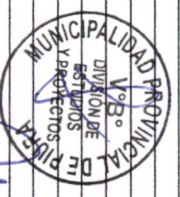


Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA AV. LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II

Propietario MUNICIPALIDAD PROVINCIAL DE PIURA

Lugar PIURA - PIURA - PIURA

| Item | Descripción                              | Und.           | Elementos |        |       | Unidad | Metrado |          | Volumen |
|------|--|----------------|-----------|--------|-------|--------|---------|----------|---------|
|      |  |                | Nº        | Largo  | Ancho |        | Altura  | Longitud |         |
|      |  |                | 8,00      | 23,15  |       |        | 3,20    |          |         |
|      | JIRON F                                  |                | 36,00     | 105,18 |       |        | 14,40   |          |         |
|      | MANZANA I                                |                | 1,00      |        |       |        | 0,40    |          |         |
|      | JIRON H                                  |                | 14,00     | 40,24  |       |        | 5,60    |          |         |
|      | JIRON D                                  |                | 35,00     | 104,01 |       |        | 14,00   |          |         |
|      | JIRON G                                  |                | 14,00     | 40,29  |       |        | 5,60    |          |         |
|      | MANZANA D                                |                | 1,00      |        |       |        | 0,40    |          |         |
|      | JIRON H                                  |                | 5,00      | 14,25  |       |        | 2,00    |          |         |
|      | JIRON D                                  |                | 7,00      | 18,20  |       |        | 2,80    |          |         |
|      | JIRON D                                  |                | 6,00      | 17,94  |       |        | 2,40    |          |         |
|      |  |                | 2,00      | 4,09   |       |        | 0,80    |          |         |
|      |  |                | 3,00      | 6,53   |       |        | 1,20    |          |         |
|      |  |                | 2,00      | 5,90   |       |        | 0,80    |          |         |
|      |  |                | 1,00      | 1,20   |       |        | 0,40    |          |         |
|      |  |                | 2,00      | 5,30   |       |        | 0,80    |          |         |
|      |  |                | 1,00      | 1,20   |       |        | 0,40    |          |         |
|      |  |                | 1,00      | 2,02   |       |        | 0,40    |          |         |
|      |  |                | 5,00      | 13,93  |       |        | 2,00    |          |         |
|      |  |                | 1,00      | 1,71   |       |        | 0,40    |          |         |
|      |  |                | 3,00      | 8,00   |       |        | 1,20    |          |         |
|      |  |                | 1,00      | 1,80   |       |        | 0,40    |          |         |
|      |  |                | 2,00      | 4,21   |       |        | 0,80    |          |         |
|      |  |                | 7,00      | 19,25  |       |        | 2,80    |          |         |
|      |  |                | 3,00      | 7,45   |       |        | 1,20    |          |         |
|      |  |                | 3,00      | 8,16   |       |        | 1,20    |          |         |
|      |  |                | 6,00      | 15,20  |       |        | 2,40    |          |         |
|      | MANZANA E                                |                |           |        |       |        |         |          |         |
|      | JIRON G                                  |                | 1,00      | 1,20   |       |        | 0,40    |          |         |
|      |  |                | 2,00      | 3,04   |       |        | 0,80    |          |         |
|      |  |                | 4,00      | 9,90   |       |        | 1,60    |          |         |
|      |  |                | 1,00      | 2,52   |       |        | 0,40    |          |         |
|      |  |                | 1,00      | 1,20   |       |        | 0,40    |          |         |
|      |  |                | 3,00      | 6,10   |       |        | 1,20    |          |         |
|      |  |                | 3,00      | 7,02   |       |        | 1,20    |          |         |
|      |  |                | 2,00      | 3,32   |       |        | 0,80    |          |         |
|      |  |                | 2,00      | 3,51   |       |        | 0,80    |          |         |
|      |  |                | 1,00      | 1,20   |       |        | 0,40    |          |         |
|      |  |                | 6,00      | 17,81  |       |        | 2,40    |          |         |
|      |  |                | 2,00      | 4,06   |       |        | 0,80    |          |         |
|      |  |                | 1,00      | 1,20   |       |        | 0,40    |          |         |
|      |  |                | 2,00      | 4,22   |       |        | 0,80    |          |         |
|      |  |                | 1,00      | 1,40   |       |        | 0,40    |          |         |
|      | JIRON D                                  |                | 11,00     | 31,94  |       |        | 4,40    |          |         |
|      | VEREDAS Y RAMPAS                         |                |           |        |       |        |         |          |         |
|      | EXCAVACION MANUAL BASE DE VEREDAS Y UNAS | m3             |           | AREA   |       |        |         |          | 555,06  |
|      | MANZANA A                                | De plano PP-01 |           | 676,41 | 1,00  |        |         | 676,41   | 67,64   |
|      | RAMPAS                                   |                |           |        |       |        |         |          |         |
|      | AV.B                                     |                | 1,00      | 2,42   | 1,00  |        | 2,42    | 0,24     |         |
|      |  |                | 1,00      | 2,35   | 1,00  |        | 2,35    | 0,24     |         |
|      | JR.C                                     |                | 1,00      | 2,34   | 1,00  |        | 2,34    | 0,23     |         |
|      |  |                | 1,00      | 2,35   | 1,00  |        | 2,35    | 0,24     |         |
|      | JR.H                                     |                | 2,00      | 2,07   | 1,00  |        | 4,14    | 0,41     |         |
|      |  |                | 4,00      | 2,08   | 1,00  |        | 8,32    | 0,83     |         |
|      | JR.F                                     |                | 1,00      | 2,02   | 1,00  |        | 2,02    | 0,20     |         |
|      |  |                | 1,00      | 2,07   | 1,00  |        | 2,07    | 0,21     |         |
|      | INGRESOS                                 |                |           |        |       |        |         |          |         |
|      | INGRESOS AVENIDA B                       |                |           |        |       |        |         |          |         |
|      |  |                |           | 7,27   | 1,00  |        | 7,27    | 0,73     |         |
|      |  |                |           | 3,02   | 1,00  |        | 3,02    | 0,30     |         |
|      |  |                | 8,00      | 1,44   | 1,00  |        | 11,52   | 1,15     |         |
|      |  |                |           | 5,74   | 1,00  |        | 5,74    | 0,57     |         |
|      |  |                |           | 18,98  | 1,00  |        | 18,98   | 1,90     |         |
|      |  |                |           | 2,37   | 1,00  |        | 2,37    | 0,24     |         |
|      |  |                |           | 7,09   | 1,00  |        | 7,09    | 0,71     |         |
|      |  |                |           | 7,06   | 1,00  |        | 7,06    | 0,71     |         |
|      |  |                |           | 2,35   | 1,00  |        | 2,35    | 0,24     |         |
|      | INGRESOS JR. H                           |                | 4,00      | 6,23   | 1,00  |        | 24,92   | 2,49     |         |
|      |  |                | 9,00      | 2,08   | 1,00  |        | 18,72   | 1,87     |         |
|      |  |                | 8,00      | 1,25   | 1,00  |        | 10,00   | 1,00     |         |
|      |  |                |           | 7,28   | 1,00  |        | 7,28    | 0,73     |         |
|      |  |                |           | 7,21   | 1,00  |        | 7,21    | 0,72     |         |
|      |  |                |           | 11,23  | 1,00  |        | 11,23   | 1,12     |         |
|      |  |                |           | 12,48  | 1,00  |        | 12,48   | 1,25     |         |
|      |  |                |           | 16,54  | 1,00  |        | 16,54   | 1,65     |         |
|      |  |                |           | 8,30   | 1,00  |        | 8,30    | 0,83     |         |
|      | MANZANA B                                |                |           | 171,44 | 1,00  |        | 171,44  | 17,14    |         |



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Arq. PEDRO J. EFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item      | Descripción        | Und. | Elementos |       |       | Metrado |        |          |       |
|-----------|--------------------|------|-----------|-------|-------|---------|--------|----------|-------|
|           |                    |      | N°        | Largo | Ancho | Altura  | Unidad | Longitud | Area  |
| RAMPAS    | AV.B               | 1.00 | 2.29      | 1.00  | 0.10  | 0.00    | 0.00   | 0.00     | 0.00  |
|           |                    |      | 2.08      | 1.00  | 0.10  | 2.29    | 2.29   | 0.23     |       |
|           |                    |      | 2.14      | 1.00  | 0.10  | 2.08    | 2.08   | 0.21     |       |
|           |                    |      | 1.99      | 1.00  | 0.10  | 2.14    | 2.14   | 0.21     |       |
| INGRESOS  | INGRESOS AVENIDA B | 1.00 | 2.53      | 1.00  | 0.10  | 2.53    | 2.53   | 0.25     | 0.25  |
|           |                    |      | 2.15      | 1.00  | 0.10  | 2.15    | 2.15   | 0.22     |       |
|           |                    |      | 16.47     | 1.00  | 0.10  | 16.47   | 16.47  | 1.65     |       |
|           |                    |      | 1.42      | 1.00  | 0.10  | 1.42    | 1.42   | 0.14     |       |
| MANZANA C | INGRESOS JIRON H   | 1.00 | 6.86      | 1.00  | 0.10  | 6.86    | 6.86   | 0.69     | 0.69  |
|           |                    |      | 289.06    | 1.00  | 0.10  | 289.06  | 289.06 | 28.91    |       |
|           |                    |      | 1.72      | 1.00  | 0.10  | 1.72    | 1.72   | 0.17     |       |
|           |                    |      | 2.32      | 1.00  | 0.10  | 2.32    | 2.32   | 0.23     |       |
| MANZANA H | INGRESOS JIRON F   | 1.00 | 2.13      | 1.00  | 0.10  | 2.13    | 2.13   | 0.21     | 0.21  |
|           |                    |      | 2.17      | 1.00  | 0.10  | 2.17    | 2.17   | 0.22     |       |
|           |                    |      | 2.05      | 1.00  | 0.10  | 2.05    | 2.05   | 0.21     |       |
|           |                    |      | 1.94      | 1.00  | 0.10  | 1.94    | 1.94   | 0.19     |       |
| MANZANA I | INGRESO JIRON G    | 1.00 | 7.49      | 1.00  | 0.10  | 7.49    | 7.49   | 0.75     | 0.75  |
|           |                    |      | 1.28      | 1.00  | 0.10  | 1.28    | 1.28   | 0.13     |       |
|           |                    |      | 1.29      | 1.00  | 0.10  | 1.29    | 1.29   | 0.13     |       |
|           |                    |      | 2.15      | 1.00  | 0.10  | 2.15    | 2.15   | 0.22     |       |
| MANZANA D | INGRESO JIRON H    | 1.00 | 17.03     | 1.00  | 0.10  | 17.03   | 17.03  | 1.70     | 1.70  |
|           |                    |      | 6.48      | 1.00  | 0.10  | 6.48    | 6.48   | 0.65     |       |
|           |                    |      | 441.94    | 1.00  | 0.10  | 441.94  | 441.94 | 44.19    |       |
|           |                    |      | 2.11      | 1.00  | 0.10  | 2.11    | 2.11   | 0.21     |       |
| MANZANA E | INGRESO JIRON C    | 1.00 | 2.07      | 1.00  | 0.10  | 2.07    | 2.07   | 0.21     | 0.21  |
|           |                    |      | 2.13      | 1.00  | 0.10  | 2.13    | 2.13   | 0.21     |       |
|           |                    |      | 2.17      | 1.00  | 0.10  | 2.17    | 2.17   | 0.22     |       |
|           |                    |      | 2.02      | 1.00  | 0.10  | 2.02    | 2.02   | 0.20     |       |
| MANZANA F | INGRESO JIRON D    | 1.00 | 2.11      | 1.00  | 0.10  | 2.11    | 2.11   | 0.21     | 0.21  |
|           |                    |      | 2.17      | 1.00  | 0.10  | 2.17    | 2.17   | 0.22     |       |
|           |                    |      | 2.02      | 1.00  | 0.10  | 2.02    | 2.02   | 0.20     |       |
|           |                    |      | 2.02      | 1.00  | 0.10  | 2.02    | 2.02   | 0.20     |       |
| MANZANA G | INGRESO JIRON E    | 1.00 | 10.42     | 1.00  | 0.10  | 10.42   | 10.42  | 1.04     | 1.04  |
|           |                    |      | 8.32      | 1.00  | 0.10  | 8.32    | 8.32   | 0.83     |       |
|           |                    |      | 1.24      | 1.00  | 0.10  | 1.24    | 1.24   | 0.12     |       |
|           |                    |      | 6.17      | 1.00  | 0.10  | 6.17    | 6.17   | 0.62     |       |
| MANZANA J | INGRESO JIRON G    | 1.00 | 442.72    | 1.00  | 0.10  | 442.72  | 442.72 | 44.27    | 44.27 |
|           |                    |      | 2.28      | 1.00  | 0.10  | 2.28    | 2.28   | 0.23     |       |
|           |                    |      | 2.08      | 1.00  | 0.10  | 2.08    | 2.08   | 0.21     |       |
|           |                    |      | 2.05      | 1.00  | 0.10  | 2.05    | 2.05   | 0.21     |       |
| MANZANA K | INGRESO JIRON H    | 1.00 | 2.10      | 1.00  | 0.10  | 2.10    | 2.10   | 0.21     | 0.21  |
|           |                    |      | 2.09      | 1.00  | 0.10  | 2.09    | 2.09   | 0.21     |       |
|           |                    |      | 2.04      | 1.00  | 0.10  | 2.04    | 2.04   | 0.20     |       |
|           |                    |      | 2.16      | 1.00  | 0.10  | 2.16    | 2.16   | 0.22     |       |
| MANZANA L | INGRESO JIRON I    | 1.00 | 2.13      | 1.00  | 0.10  | 2.13    | 2.13   | 0.21     | 0.21  |
|           |                    |      | 728.12    | 1.00  | 0.10  | 728.12  | 728.12 | 72.81    |       |
|           |                    |      | 2.01      | 1.00  | 0.10  | 2.01    | 2.01   | 0.20     |       |
|           |                    |      | 2.09      | 1.00  | 0.10  | 2.09    | 2.09   | 0.21     |       |
| MANZANA M | INGRESO JIRON J    | 1.00 | 2.35      | 1.00  | 0.10  | 2.35    | 2.35   | 0.23     | 0.23  |
|           |                    |      | 2.80      | 1.00  | 0.10  | 2.80    | 2.80   | 0.28     |       |
|           |                    |      | 2.15      | 1.00  | 0.10  | 2.15    | 2.15   | 0.22     |       |
|           |                    |      | 2.13      | 1.00  | 0.10  | 2.13    | 2.13   | 0.21     |       |
| MANZANA N | INGRESO JIRON K    | 1.00 | 2.12      | 1.00  | 0.10  | 2.12    | 2.12   | 0.21     | 0.21  |
|           |                    |      | 2.05      | 1.00  | 0.10  | 2.05    | 2.05   | 0.21     |       |
|           |                    |      | 2.05      | 1.00  | 0.10  | 2.05    | 2.05   | 0.21     |       |
|           |                    |      | 2.05      | 1.00  | 0.10  | 2.05    | 2.05   | 0.21     |       |
| MANZANA O | INGRESO JIRON L    | 1.00 | 2.05      | 1.00  | 0.10  | 2.05    | 2.05   | 0.21     | 0.21  |
|           |                    |      | 7.05      | 1.00  | 0.10  | 7.05    | 7.05   | 0.71     |       |
|           |                    |      | 2.35      | 1.00  | 0.10  | 2.35    | 2.35   | 0.23     |       |
|           |                    |      | 14.10     | 1.00  | 0.10  | 14.10   | 14.10  | 1.41     |       |
| MANZANA P | INGRESO AVENIDA A  | 2.00 | 8.40      | 1.00  | 0.10  | 8.40    | 8.40   | 0.84     | 0.84  |
|           |                    |      | 2.14      | 1.00  | 0.10  | 2.14    | 2.14   | 0.21     |       |
|           |                    |      | 1.28      | 1.00  | 0.10  | 1.28    | 1.28   | 0.13     |       |
|           |                    |      | 1.27      | 1.00  | 0.10  | 1.27    | 1.27   | 0.13     |       |
| MANZANA Q | INGRESO JIRON M    | 4.00 | 10.53     | 1.00  | 0.10  | 10.53   | 10.53  | 1.05     | 1.05  |
|           |                    |      | 2.74      | 1.00  | 0.10  | 2.74    | 2.74   | 0.27     |       |
|           |                    |      | 10.47     | 1.00  | 0.10  | 10.47   | 10.47  | 1.04     |       |
|           |                    |      | 10.43     | 1.00  | 0.10  | 10.43   | 10.43  | 1.04     |       |
| MANZANA R | INGRESO JIRON N    | 2.00 | 2.07      | 1.00  | 0.10  | 2.07    | 2.07   | 0.21     | 0.21  |
|           |                    |      | 2.06      | 1.00  | 0.10  | 2.06    | 2.06   | 0.21     |       |
|           |                    |      | 693.89    | 1.00  | 0.10  | 693.89  | 693.89 | 69.39    |       |
|           |                    |      | 693.89    | 1.00  | 0.10  | 693.89  | 693.89 | 69.39    |       |



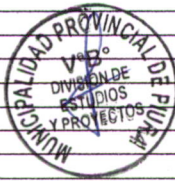
MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Arq. PEDRO GALEO RUIZ YESAN  
 JEF E



PLANILLA DE METRADO

MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS

| Item | Descripción          | Und.      | Elementos |        |       |        | Metrado |          |       |         |      |
|------|----------------------|-----------|-----------|--------|-------|--------|---------|----------|-------|---------|------|
|      |                      |           | N°        | Largo  | Ancho | Altura | Unidad  | Longitud | Area  | Volumen |      |
|      | RAMPAS               |           |           |        |       |        |         |          |       |         |      |
|      |                      | JR G      | 2.00      | 2.05   | 1.00  | 0.10   |         |          | 4.10  | 0.41    |      |
|      |                      |           | 1.00      | 2.06   | 1.00  | 0.10   |         |          | 2.06  | 0.21    |      |
|      |                      |           | 1.00      | 2.07   | 1.00  | 0.10   |         |          | 2.07  | 0.21    |      |
|      |                      |           | 1.00      | 2.08   | 1.00  | 0.10   |         |          | 2.08  | 0.21    |      |
|      |                      |           | 1.00      | 2.09   | 1.00  | 0.10   |         |          | 2.09  | 0.21    |      |
|      |                      | JR D      | 1.00      | 2.19   | 1.00  | 0.10   |         |          | 2.19  | 0.22    |      |
|      |                      |           | 1.00      | 2.14   | 1.00  | 0.10   |         |          | 2.14  | 0.21    |      |
|      |                      | AV A      | 1.00      | 2.26   | 1.00  | 0.10   |         |          | 2.26  | 0.23    |      |
|      |                      |           | 1.00      | 1.69   | 1.00  | 0.10   |         |          | 1.69  | 0.17    |      |
|      | INGRESOS             |           |           |        |       |        |         |          |       |         |      |
|      |                      | JR G      | 8.00      | 1.23   | 1.00  | 0.10   |         |          | 9.84  | 0.98    |      |
|      |                      |           | 5.00      | 2.05   | 1.00  | 0.10   |         |          | 10.25 | 1.03    |      |
|      |                      |           | 2.00      | 8.25   | 1.00  | 0.10   |         |          | 16.50 | 1.65    |      |
|      |                      |           |           | 28.73  | 1.00  | 0.10   |         |          | 28.73 | 2.87    |      |
|      |                      | AV A      |           | 2.12   | 1.00  | 0.10   |         |          | 2.12  | 0.21    |      |
|      |                      |           |           | 6.31   | 1.00  | 0.10   |         |          | 6.31  | 0.63    |      |
|      |                      |           |           | 2.09   | 1.00  | 0.10   |         |          | 2.09  | 0.21    |      |
|      |                      |           | 2.00      | 1.22   | 1.00  | 0.10   |         |          | 2.44  | 0.24    |      |
|      |                      |           |           | 2.03   | 1.00  | 0.10   |         |          | 2.03  | 0.20    |      |
|      |                      |           |           | 5.72   | 1.00  | 0.10   |         |          | 5.72  | 0.57    |      |
|      |                      |           |           | 1.89   | 1.00  | 0.10   |         |          | 1.89  | 0.19    |      |
|      |                      |           | 2.00      | 1.12   | 1.00  | 0.10   |         |          | 2.24  | 0.22    |      |
|      |                      |           |           | 5.47   | 1.00  | 0.10   |         |          | 5.47  | 0.55    |      |
|      |                      |           | 2.00      | 1.08   | 1.00  | 0.10   |         |          | 2.16  | 0.22    |      |
|      |                      |           |           | 14.25  | 1.00  | 0.10   |         |          | 14.25 | 1.43    |      |
|      | UÑA VEREDAS - RAMPAS |           |           |        |       |        |         |          |       |         |      |
|      | VEREDAS              |           |           |        |       |        |         |          |       |         |      |
|      | MANZANA A            |           |           |        |       |        |         |          |       |         |      |
|      |                      | AV B MART |           | 17.01  | 0.225 | 0.45   |         |          |       |         | 1.72 |
|      |                      | VER       |           | 151.70 | 0.225 | 0.25   |         |          |       |         | 8.53 |
|      |                      | MART      |           | 18.60  | 0.225 | 0.45   |         |          |       |         | 1.88 |
|      |                      | JR C VER  |           | 31.87  | 0.225 | 0.25   |         |          |       |         | 1.79 |
|      |                      | JR H MART |           | 15.35  | 0.225 | 0.45   |         |          |       |         | 1.55 |
|      |                      | VER       |           | 154.85 | 0.225 | 0.25   |         |          |       |         | 8.71 |
|      |                      | MART      |           | 13.67  | 0.225 | 0.45   |         |          |       |         | 1.38 |
|      |                      | JR F VER  |           | 33.72  | 0.225 | 0.25   |         |          |       |         | 1.90 |
|      | MANZANA B            |           |           |        |       |        |         |          |       |         | 0.00 |
|      |                      | AV B VER  |           | 15.44  | 0.225 | 0.25   |         |          |       |         | 0.87 |
|      |                      | MART      |           | 16.86  | 0.225 | 0.45   |         |          |       |         | 1.71 |
|      |                      | JR F VER  |           | 33.65  | 0.225 | 0.25   |         |          |       |         | 1.89 |
|      |                      | JR H MART |           | 13.62  | 0.225 | 0.45   |         |          |       |         | 1.38 |
|      |                      | VER       |           | 17.82  | 0.225 | 0.25   |         |          |       |         | 1.00 |
|      |                      | VER       |           | 23.86  | 0.225 | 0.25   |         |          |       |         | 1.34 |
|      | MANZANA C            |           |           |        |       |        |         |          |       |         | 0.00 |
|      |                      | JR H MART |           | 11.36  | 0.225 | 0.45   |         |          |       |         | 1.15 |
|      |                      | VER       |           | 17.41  | 0.225 | 0.25   |         |          |       |         | 0.98 |
|      |                      | VER       |           | 20.13  | 0.225 | 0.25   |         |          |       |         | 1.13 |
|      |                      | MART      |           | 13.79  | 0.225 | 0.45   |         |          |       |         | 1.40 |
|      |                      | JR F VER  |           | 107.19 | 0.225 | 0.25   |         |          |       |         | 6.03 |
|      |                      | JR G MART |           | 13.68  | 0.225 | 0.45   |         |          |       |         | 1.39 |
|      |                      | VER       |           | 36.84  | 0.225 | 0.25   |         |          |       |         | 2.07 |
|      |                      | MART      |           | 13.36  | 0.225 | 0.45   |         |          |       |         | 1.35 |
|      | MANZANA H            |           |           |        |       |        |         |          |       |         | 0.00 |
|      |                      | JR H MART |           | 13.41  | 0.225 | 0.45   |         |          |       |         | 1.36 |
|      |                      | VER       |           | 42.11  | 0.225 | 0.25   |         |          |       |         | 2.37 |
|      |                      | MART      |           | 13.59  | 0.225 | 0.45   |         |          |       |         | 1.38 |
|      |                      | JR E VER  |           | 106.87 | 0.225 | 0.25   |         |          |       |         | 6.01 |
|      |                      | JR G MART |           | 13.65  | 0.225 | 0.45   |         |          |       |         | 1.38 |
|      |                      | VER       |           | 42.11  | 0.225 | 0.25   |         |          |       |         | 2.37 |
|      |                      | MART      |           | 13.68  | 0.225 | 0.45   |         |          |       |         | 1.39 |
|      |                      | JR F VER  |           | 107.18 | 0.225 | 0.25   |         |          |       |         | 6.03 |
|      | MANZANA I            |           |           |        |       |        |         |          |       |         | 0.00 |
|      |                      | JR H MART |           | 13.85  | 0.225 | 0.45   |         |          |       |         | 1.40 |
|      |                      | VER       |           | 42.23  | 0.225 | 0.25   |         |          |       |         | 2.38 |
|      |                      | MART      |           | 14.18  | 0.225 | 0.45   |         |          |       |         | 1.44 |
|      |                      | JR E VER  |           | 106.01 | 0.225 | 0.25   |         |          |       |         | 5.96 |
|      |                      | JR G MART |           | 13.70  | 0.225 | 0.45   |         |          |       |         | 1.39 |
|      |                      | VER       |           | 42.23  | 0.225 | 0.25   |         |          |       |         | 2.38 |
|      |                      | MART      |           | 13.23  | 0.225 | 0.45   |         |          |       |         | 1.34 |
|      |                      | JR F VER  |           | 107.01 | 0.225 | 0.25   |         |          |       |         | 6.02 |
|      | MANZANA J            |           |           |        |       |        |         |          |       |         | 0.00 |
|      |                      | JR H MART |           | 14.22  | 0.225 | 0.45   |         |          |       |         | 1.44 |
|      |                      | VER       |           | 35.45  | 0.225 | 0.25   |         |          |       |         | 1.99 |
|      |                      | MART      |           | 15.18  | 0.225 | 0.45   |         |          |       |         | 1.54 |
|      |                      | JR C VER  |           | 155.07 | 0.225 | 0.25   |         |          |       |         | 8.72 |
|      |                      | AV A MART |           | 23.76  | 0.225 | 0.45   |         |          |       |         | 2.41 |
|      |                      | VER       |           | 28.26  | 0.225 | 0.25   |         |          |       |         | 1.59 |



MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
Arq. PEDRO GUILLEO RUIZ YESAN  
JEFE



PLANILLA DE METRADO

FOLIO: \_\_\_\_\_

| Item  | Descripción  | Und.      | Elementos |        |       | Metrado |        |          |      |          |
|-------|--|-----------|-----------|--------|-------|---------|--------|----------|------|----------|
|       |  |           | N°        | Largo  | Ancho | Altura  | Unidad | Longitud | Area | Volumen  |
|       |  | MART      |           | 18.45  | 0.225 | 0.45    |        |          |      | 1.87     |
|       |  | JR D VER  |           | 157.96 | 0.225 | 0.25    |        |          |      | 8.89     |
|       | MANZANA E  |           |           |        |       |         |        |          |      | 0.00     |
|       |  | JR G MART |           | 12.31  | 0.225 | 0.45    |        |          |      | 1.25     |
|       |  | VER       |           | 157.75 | 0.225 | 0.25    |        |          |      | 8.87     |
|       |  | MART      |           | 13.76  | 0.225 | 0.45    |        |          |      | 1.39     |
|       |  | JR D VER  |           | 33.94  | 0.225 | 0.25    |        |          |      | 1.91     |
|       |  | AV A MART |           | 19.21  | 0.225 | 0.45    |        |          |      | 1.95     |
|       |  | VER       |           | 153.99 | 0.225 | 0.25    |        |          |      | 8.66     |
|       |  | MART      |           | 12.56  | 0.225 | 0.45    |        |          |      | 1.27     |
|       | RAMPAS   |           |           |        |       |         |        |          |      |          |
|       | MANZANA A  |           | 12.00     | 1.00   | 0.225 | 0.25    |        |          |      | 0.68     |
|       | MANZANA B  |           | 5.00      | 1.00   | 0.225 | 0.25    |        |          |      | 0.28     |
|       | MANZANA C  |           | 6.00      | 1.00   | 0.225 | 0.25    |        |          |      | 0.34     |
|       | MANZANA H  |           | 8.00      | 1.00   | 0.225 | 0.25    |        |          |      | 0.45     |
|       | MANZANA I  |           | 8.00      | 1.00   | 0.225 | 0.25    |        |          |      | 0.45     |
|       | MANZANA D  |           | 10.00     | 1.00   | 0.225 | 0.25    |        |          |      | 0.56     |
|       | MANZANA E  |           | 10.00     | 1.00   | 0.225 | 0.25    |        |          |      | 0.56     |
| 06.02 | PERFILADO Y COMPACTACION DE LA SUBRASANTE PARA VEREDAS | m2        |           |        |       |         |        |          |      | 4.132.57 |
| 06.03 | BASE GRANULAR E=0.10 m. COMPACTADA CON EQUIPO LIVIANO  | m2        |           |        |       |         |        |          |      | 4.132.57 |
|       | PERFILADO Y COMPACTACION DE LA SUBRASANTE PARA         |           |           |        |       |         |        |          |      | 4.132.57 |
| 06.04 | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM. | m3        | F.E.      |        |       |         |        |          |      | 707.58   |
|       | EXCAVACION MANUAL BASE DE VEREDAS Y UÑAS               |           | 1.25      | 566.06 |       |         |        |          |      | 707.58   |
| 06.05 | ENCOFRADO Y DESENCOFRADO NORMAL EN VEREDAS             | m2        |           |        |       |         |        |          |      | 490.14   |
|       | VEREDAS Y MARTILLO                                     |           |           |        |       |         |        |          |      |          |
|       | MANZANA A  |           |           |        |       |         |        |          |      |          |
|       |  | AV B MART |           | 17.01  |       | 0.35    |        |          |      | 5.95     |
|       |  | VER       |           | 151.70 |       | 0.10    |        |          |      | 15.17    |
|       |  | MART      |           | 18.60  |       | 0.35    |        |          |      | 6.51     |
|       |  | JR C VER  |           | 31.87  |       | 0.10    |        |          |      | 3.19     |
|       |  | JR H MART |           | 15.35  |       | 0.35    |        |          |      | 5.37     |
|       |  | VER       |           | 154.85 |       | 0.10    |        |          |      | 15.49    |
|       |  | MART      |           | 13.67  |       | 0.35    |        |          |      | 4.78     |
|       |  | JR F VER  |           | 33.72  |       | 0.10    |        |          |      | 3.37     |
|       | MANZANA B  |           |           |        |       |         |        |          |      | 0.00     |
|       |  | AV B VER  |           | 15.44  |       | 0.10    |        |          |      | 1.54     |
|       |  | MART      |           | 16.86  |       | 0.35    |        |          |      | 5.90     |
|       |  | JR F VER  |           | 33.65  |       | 0.10    |        |          |      | 3.37     |
|       |  | JR H MART |           | 13.62  |       | 0.35    |        |          |      | 4.77     |
|       |  | VER       |           | 17.82  |       | 0.10    |        |          |      | 1.78     |
|       |  | VER       |           | 23.86  |       | 0.10    |        |          |      | 2.39     |
|       | MANZANA C  |           |           |        |       |         |        |          |      | 0.00     |
|       |  | JR H MART |           | 11.36  |       | 0.35    |        |          |      | 3.98     |
|       |  | VER       |           | 17.41  |       | 0.10    |        |          |      | 1.74     |
|       |  | VER       |           | 20.13  |       | 0.10    |        |          |      | 2.01     |
|       |  | MART      |           | 13.79  |       | 0.35    |        |          |      | 4.83     |
|       |  | JR F VER  |           | 107.19 |       | 0.10    |        |          |      | 10.72    |
|       |  | JR G MART |           | 13.68  |       | 0.35    |        |          |      | 4.79     |
|       |  | VER       |           | 36.84  |       | 0.10    |        |          |      | 3.68     |
|       |  | MART      |           | 13.36  |       | 0.35    |        |          |      | 4.68     |
|       | MANZANA H  |           |           |        |       |         |        |          |      | 0.00     |
|       |  | JR H MART |           | 13.41  |       | 0.35    |        |          |      | 4.69     |
|       |  | VER       |           | 42.11  |       | 0.10    |        |          |      | 4.21     |
|       |  | MART      |           | 13.59  |       | 0.35    |        |          |      | 4.76     |
|       |  | JR E VER  |           | 106.87 |       | 0.10    |        |          |      | 10.69    |
|       |  | JR G MART |           | 13.65  |       | 0.35    |        |          |      | 4.78     |
|       |  | VER       |           | 42.11  |       | 0.10    |        |          |      | 4.21     |
|       |  | MART      |           | 13.68  |       | 0.35    |        |          |      | 4.79     |
|       |  | JR F VER  |           | 107.18 |       | 0.10    |        |          |      | 10.72    |
|       | MANZANA I  |           |           |        |       |         |        |          |      | 0.00     |
|       |  | JR H MART |           | 13.85  |       | 0.35    |        |          |      | 4.85     |
|       |  | VER       |           | 42.23  |       | 0.10    |        |          |      | 4.22     |
|       |  | MART      |           | 14.18  |       | 0.35    |        |          |      | 4.96     |
|       |  | JR E VER  |           | 106.01 |       | 0.10    |        |          |      | 10.60    |
|       |  | JR G MART |           | 13.70  |       | 0.35    |        |          |      | 4.80     |
|       |  | VER       |           | 42.23  |       | 0.10    |        |          |      | 4.22     |
|       |  | MART      |           | 13.23  |       | 0.35    |        |          |      | 4.63     |
|       |  | JR F VER  |           | 107.01 |       | 0.10    |        |          |      | 10.70    |
|       | MANZANA G  |           |           |        |       |         |        |          |      | 0.00     |
|       |  | JR H MART |           | 14.22  |       | 0.35    |        |          |      | 4.98     |
|       |  | VER       |           | 35.45  |       | 0.10    |        |          |      | 3.55     |
|       |  | MART      |           | 15.18  |       | 0.35    |        |          |      | 5.31     |
|       |  | JR C VER  |           | 155.07 |       | 0.10    |        |          |      | 15.51    |
|       |  | AV A MART |           | 23.76  |       | 0.35    |        |          |      | 8.32     |



MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
Arq. PEDRO GALILEO RUIZ YESAN  
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PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item      | Descripción | Und. | Elementos |          |       | Metrado |        |          |       |
|-----------|-------------|------|-----------|----------|-------|---------|--------|----------|-------|
|           |             |      | Nº        | Largo    | Ancho | Altura  | Unidad | Longitud | Area  |
|           |             | VER  |           | 28.26    |       | 0.10    |        |          | 2.83  |
|           |             | MART |           | 18.45    |       | 0.35    |        |          | 6.46  |
|           |             | JR D |           | 157.96   |       | 0.10    |        |          | 15.80 |
| MANZANA E |             |      |           |          |       |         |        |          | 0.00  |
|           |             | JR G |           | 12.31    |       | 0.35    |        |          | 4.31  |
|           |             | VER  |           | 157.75   |       | 0.10    |        |          | 15.78 |
|           |             | MART |           | 13.76    |       | 0.35    |        |          | 4.82  |
|           |             | JR D |           | 33.94    |       | 0.10    |        |          | 3.39  |
|           |             | AV.A |           | 19.21    |       | 0.35    |        |          | 6.72  |
|           |             | VER  |           | 153.99   |       | 0.10    |        |          | 15.40 |
|           |             | MART |           | 12.56    |       | 0.35    |        |          | 4.40  |
| RAMPAS    |             |      |           |          |       |         |        |          |       |
| MANZANA A |             |      |           |          |       |         |        |          |       |
|           |             | AV B | 1.00      | 2.42     |       | 0.10    |        |          | 0.24  |
|           |             |      | 1.00      | 2.35     |       | 0.10    |        |          | 0.24  |
|           |             | JR C | 1.00      | 2.34     |       | 0.10    |        |          | 0.23  |
|           |             |      | 1.00      | 2.35     |       | 0.10    |        |          | 0.24  |
|           |             | JR H | 2.00      | 2.07     |       | 0.10    |        |          | 0.41  |
|           |             |      | 4.00      | 2.08     |       | 0.10    |        |          | 0.83  |
|           |             | JR F | 1.00      | 2.02     |       | 0.10    |        |          | 0.20  |
|           |             |      | 1.00      | 2.07     |       | 0.10    |        |          | 0.21  |
| MANZANA B |             |      |           |          |       |         |        |          |       |
|           |             | AV B | 1.00      | 2.29     |       | 0.10    |        |          | 0.23  |
|           |             | JR F | 1.00      | 2.08     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.14     |       | 0.10    |        |          | 0.21  |
|           |             | JR H | 1.00      | 1.99     |       | 0.10    |        |          | 0.20  |
|           |             |      | 1.00      | 2.53     |       | 0.10    |        |          | 0.25  |
| MANZANA C |             |      |           |          |       |         |        |          |       |
|           |             | JR H | 1.00      | 1.72     |       | 0.10    |        |          | 0.17  |
|           |             |      | 1.00      | 2.32     |       | 0.10    |        |          | 0.23  |
|           |             | JR F | 1.00      | 2.13     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.17     |       | 0.10    |        |          | 0.22  |
|           |             | JR G | 1.00      | 2.05     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 1.94     |       | 0.10    |        |          | 0.19  |
| MANZANA H |             |      |           |          |       |         |        |          |       |
|           |             | JR H | 1.00      | 2.11     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.07     |       | 0.10    |        |          | 0.21  |
|           |             | JR E | 1.00      | 2.13     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.17     |       | 0.10    |        |          | 0.22  |
|           |             | JR G | 1.00      | 2.02     |       | 0.10    |        |          | 0.20  |
|           |             |      | 1.00      | 2.11     |       | 0.10    |        |          | 0.21  |
|           |             | JR F | 1.00      | 2.17     |       | 0.10    |        |          | 0.22  |
|           |             |      | 1.00      | 2.02     |       | 0.10    |        |          | 0.20  |
| MANZANA I |             |      |           |          |       |         |        |          |       |
|           |             | JR H | 1.00      | 2.28     |       | 0.10    |        |          | 0.23  |
|           |             |      | 1.00      | 2.08     |       | 0.10    |        |          | 0.21  |
|           |             | JR D | 1.00      | 2.05     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.10     |       | 0.10    |        |          | 0.21  |
|           |             | JR G | 1.00      | 2.09     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.04     |       | 0.10    |        |          | 0.20  |
|           |             | JR E | 1.00      | 2.16     |       | 0.10    |        |          | 0.22  |
|           |             |      | 1.00      | 2.13     |       | 0.10    |        |          | 0.21  |
| MANZANA D |             |      |           |          |       |         |        |          |       |
|           |             | JR H | 1.00      | 2.01     |       | 0.10    |        |          | 0.20  |
|           |             |      | 1.00      | 2.09     |       | 0.10    |        |          | 0.21  |
|           |             | JR C | 2.00      | 2.35     |       | 0.10    |        |          | 0.47  |
|           |             | AV A | 2.00      | 2.80     |       | 0.10    |        |          | 0.56  |
|           |             | JR D | 1.00      | 2.15     |       | 0.10    |        |          | 0.22  |
|           |             |      | 1.00      | 2.13     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.12     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.05     |       | 0.10    |        |          | 0.21  |
| MANZANA E |             |      |           |          |       |         |        |          |       |
|           |             | JR G | 1.00      | 2.05     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.06     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.05     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.00     |       | 0.10    |        |          | 0.20  |
|           |             |      | 1.00      | 2.08     |       | 0.10    |        |          | 0.21  |
|           |             |      | 1.00      | 2.09     |       | 0.10    |        |          | 0.21  |
|           |             | JR D | 1.00      | 2.19     |       | 0.10    |        |          | 0.22  |
|           |             |      | 1.00      | 2.14     |       | 0.10    |        |          | 0.21  |
|           |             | AV A | 1.00      | 2.26     |       | 0.10    |        |          | 0.23  |
|           |             |      | 1.00      | 1.69     |       | 0.10    |        |          | 0.17  |
| INGRESOS  |             |      |           |          |       |         |        |          |       |
| MANZANA A |             |      |           |          |       |         |        |          |       |
|           |             | AV B |           | promedio | veces |         |        |          |       |
|           |             | JR H | 16.00     | 2.40     | 2.00  | 0.10    |        |          | 7.68  |
|           |             |      | 25.00     | 2.08     | 2.00  | 0.10    |        |          | 10.40 |
| MANZANA B |             |      |           |          |       |         |        |          | 0.00  |
|           |             | AV B | 2.00      | 2.25     | 2.00  | 0.10    |        |          | 0.90  |



MUNICIPALIDAD PROVINCIAL DE PIURA  
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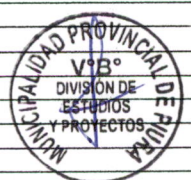


PLANILLA DE METRADO

MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
DE PIURA - PROVINCIA DE  
FOLIO:

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item  | Descripción   | Und.  | Elementos |        |       |        | Metrado |          |          |         |
|-------|---|-------|-----------|--------|-------|--------|---------|----------|----------|---------|
|       |   |       | N°        | Largo  | Ancho | Altura | Unidad  | Longitud | Area     | Volumen |
|       |   | JR H  | 3.00      | 2.32   | 2.00  | 0.10   |         |          | 1.39     |         |
|       | MANZANA C   | JR F  | 6.00      | 2.15   | 2.00  | 0.10   |         |          | 2.58     |         |
|       | MANZANA H   | JR H  | 4.00      | 2.09   | 2.00  | 0.10   |         |          | 0.00     |         |
|       |   | JR G  | 1.00      | 2.08   | 2.00  | 0.10   |         |          | 1.67     |         |
|       | MANZANA D   | JR H  | 1.00      | 2.05   | 2.00  | 0.10   |         |          | 0.42     |         |
|       |   | JR C  | 15.00     | 2.35   | 2.00  | 0.10   |         |          | 0.41     |         |
|       |   | AV A  | 1.00      | 2.80   | 2.00  | 0.10   |         |          | 7.05     |         |
|       |   | JR D  | 15.00     | 2.10   | 2.00  | 0.10   |         |          | 0.56     |         |
|       | MANZANA E   | JR G  | 16.00     | 2.07   | 2.00  | 0.10   |         |          | 6.30     |         |
|       |   | AV A  | 14.00     | 1.90   | 2.00  | 0.10   |         |          | 6.62     |         |
|       | EN JUNTAS DILATACION - SOLO VEREDA                        |       |           |        |       |        |         |          | 5.32     |         |
|       | JUNTAS CON ASFALTO E=1"                                   |       |           | 948.00 |       | 0.10   |         |          | 94.80    |         |
| 06.06 | CONCRETO Fc=175 Kg/cm2, PVEREDAS INC. CURADO E=0.10M (SEM | m2    |           |        |       |        |         |          | 4,132.57 |         |
|       | BASE GRANULAR E=0.10 m.COMPACTADA CON EQUIPO LIVIANO      |       |           |        |       |        |         |          | 4,132.57 |         |
| 06.07 | CONCRETO UÑA EN VEREDA Fc= 175 Kg/cm2 INC. ACABADO        | m3    |           |        |       |        |         |          |          | 152.80  |
|       | MANZANA A   | AV. B | MART      | 17.01  | 0.225 | 0.45   |         |          |          | 1.72    |
|       |   | VER   |           | 151.70 | 0.225 | 0.25   |         |          |          | 8.53    |
|       |   | MART  |           | 18.60  | 0.225 | 0.45   |         |          |          | 1.88    |
|       |   | JR C  | VER       | 31.87  | 0.225 | 0.25   |         |          |          | 1.79    |
|       |   | JR H  | MART      | 15.35  | 0.225 | 0.45   |         |          |          | 1.55    |
|       |   |       | VER       | 154.85 | 0.225 | 0.25   |         |          |          | 8.71    |
|       |   |       | MART      | 13.67  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |   | JR F  | VER       | 33.72  | 0.225 | 0.25   |         |          |          | 1.90    |
|       | MANZANA B   |       |           |        |       |        |         |          |          | 0.00    |
|       |   | AV B  | VER       | 15.44  | 0.225 | 0.25   |         |          |          | 0.87    |
|       |   |       | MART      | 16.86  | 0.225 | 0.45   |         |          |          | 1.71    |
|       |   | JR F  | VER       | 33.65  | 0.225 | 0.25   |         |          |          | 1.89    |
|       |   | JR H  | MART      | 13.62  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |   |       | VER       | 17.82  | 0.225 | 0.25   |         |          |          | 1.00    |
|       |   |       | VER       | 23.86  | 0.225 | 0.25   |         |          |          | 1.34    |
|       | MANZANA C   |       |           |        |       |        |         |          |          | 0.00    |
|       |   | JR H  | MART      | 11.36  | 0.225 | 0.45   |         |          |          | 1.15    |
|       |   |       | VER       | 17.41  | 0.225 | 0.25   |         |          |          | 0.98    |
|       |   |       | VER       | 20.13  | 0.225 | 0.25   |         |          |          | 1.13    |
|       |   |       | MART      | 13.79  | 0.225 | 0.45   |         |          |          | 1.40    |
|       |   | JR F  | VER       | 107.19 | 0.225 | 0.25   |         |          |          | 6.03    |
|       |   | JR G  | MART      | 13.68  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |   |       | VER       | 36.84  | 0.225 | 0.25   |         |          |          | 2.07    |
|       |   |       | MART      | 13.36  | 0.225 | 0.45   |         |          |          | 1.35    |
|       | MANZANA H   |       |           |        |       |        |         |          |          | 0.00    |
|       |   | JR H  | MART      | 13.41  | 0.225 | 0.45   |         |          |          | 1.36    |
|       |   |       | VER       | 42.11  | 0.225 | 0.25   |         |          |          | 2.37    |
|       |   |       | MART      | 13.59  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |   | JR E  | VER       | 106.87 | 0.225 | 0.25   |         |          |          | 6.01    |
|       |   | JR G  | MART      | 13.65  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |   |       | VER       | 42.11  | 0.225 | 0.25   |         |          |          | 2.37    |
|       |   |       | MART      | 13.68  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |   | JR F  | VER       | 107.18 | 0.225 | 0.25   |         |          |          | 6.03    |
|       | MANZANA I   |       |           |        |       |        |         |          |          | 0.00    |
|       |   | JR H  | MART      | 13.85  | 0.225 | 0.45   |         |          |          | 1.40    |
|       |   |       | VER       | 42.23  | 0.225 | 0.25   |         |          |          | 2.38    |
|       |   |       | MART      | 14.18  | 0.225 | 0.45   |         |          |          | 1.44    |
|       |   | JR E  | VER       | 106.01 | 0.225 | 0.25   |         |          |          | 5.96    |
|       |   | JR G  | MART      | 13.70  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |   |       | VER       | 42.23  | 0.225 | 0.25   |         |          |          | 2.38    |
|       |   |       | MART      | 13.23  | 0.225 | 0.45   |         |          |          | 1.34    |
|       |   | JR F  | VER       | 107.01 | 0.225 | 0.25   |         |          |          | 6.02    |
|       | MANZANA D   |       |           |        |       |        |         |          |          | 0.00    |
|       |   | JR H  | MART      | 14.22  | 0.225 | 0.45   |         |          |          | 1.44    |
|       |   |       | VER       | 35.45  | 0.225 | 0.25   |         |          |          | 1.99    |
|       |   |       | MART      | 15.18  | 0.225 | 0.45   |         |          |          | 1.54    |
|       |   | JR C  | VER       | 155.07 | 0.225 | 0.25   |         |          |          | 8.72    |
|       |   | AV A  | MART      | 23.76  | 0.225 | 0.45   |         |          |          | 2.41    |
|       |   |       | VER       | 28.26  | 0.225 | 0.25   |         |          |          | 1.59    |
|       |   |       | MART      | 18.45  | 0.225 | 0.45   |         |          |          | 1.87    |
|       |   | JR D  | VER       | 157.96 | 0.225 | 0.25   |         |          |          | 8.89    |
|       | MANZANA E   |       |           |        |       |        |         |          |          | 0.00    |
|       |   | JR G  | MART      | 12.31  | 0.225 | 0.45   |         |          |          | 1.25    |
|       |   |       | VER       | 157.75 | 0.225 | 0.25   |         |          |          | 8.87    |
|       |   |       | MART      | 13.76  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |   | JR D  | VER       | 33.94  | 0.225 | 0.25   |         |          |          | 1.91    |



MUNICIPALIDAD PROVINCIAL DE PIURA  
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PLANILLA DE METRADO

MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
FOLIO: \_\_\_\_\_

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item  | Descripción                   | Und. | Elementos |        |        |        | Metrado |          |          |         |
|-------|-------------------------------|------|-----------|--------|--------|--------|---------|----------|----------|---------|
|       |                               |      | N°        | Largo  | Ancho  | Altura | Unidad  | Longitud | Area     | Volumen |
|       |                               | AV A | MART      | 19.21  | 0.225  | 0.45   |         |          |          | 1.95    |
|       |                               |      | VER       | 153.99 | 0.225  | 0.25   |         |          |          | 8.66    |
|       |                               |      | MART      | 12.56  | 0.225  | 0.45   |         |          |          | 1.27    |
|       | RAMPAS                        |      |           |        |        |        |         |          |          |         |
|       | MANZANA A                     |      |           | 12.00  | 1.00   | 0.225  | 0.25    |          |          | 0.68    |
|       | MANZANA B                     |      |           | 5.00   | 1.00   | 0.225  | 0.25    |          |          | 0.28    |
|       | MANZANA C                     |      |           | 6.00   | 1.00   | 0.225  | 0.25    |          |          | 0.34    |
|       | MANZANA H                     |      |           | 8.00   | 1.00   | 0.225  | 0.25    |          |          | 0.45    |
|       | MANZANA I                     |      |           | 8.00   | 1.00   | 0.225  | 0.25    |          |          | 0.45    |
|       | MANZANA D                     |      |           | 10.00  | 1.00   | 0.225  | 0.25    |          |          | 0.56    |
|       | MANZANA E                     |      |           | 10.00  | 1.00   | 0.225  | 0.25    |          |          | 0.56    |
| 06.08 | JUNTAS CON ASFALTO E=1"       | m    |           |        |        |        |         |          | 1,110.28 |         |
|       | MANZANA A                     |      |           |        |        |        |         |          |          |         |
|       |                               | AV B | VER       | 51.00  | 151.70 | 1.80   |         |          | 91.80    |         |
|       |                               | JR C | VER       | 11.00  | 31.87  | 1.80   |         |          | 19.80    |         |
|       |                               | JR H | VER       | 52.00  | 154.85 | 1.20   |         |          | 62.40    |         |
|       |                               | JR F | VER       | 12.00  | 33.72  | 1.20   |         |          | 14.40    |         |
|       | MANZANA B                     |      |           |        |        |        |         |          | 0.00     |         |
|       |                               | AV B | VER       | 6.00   | 15.44  | 1.80   |         |          | 10.80    |         |
|       |                               | JR F | VER       | 12.00  | 33.65  | 1.20   |         |          | 14.40    |         |
|       |                               | JR H | VER       | 6.00   | 17.82  | 1.20   |         |          | 7.20     |         |
|       |                               |      | VER       | 8.00   | 23.86  | 1.20   |         |          | 9.60     |         |
|       | MANZANA C                     |      |           |        |        |        |         |          | 0.00     |         |
|       |                               | JR H | VER       | 6.00   | 17.41  | 1.20   |         |          | 7.20     |         |
|       |                               |      | VER       | 7.00   | 20.13  | 1.20   |         |          | 8.40     |         |
|       |                               | JR F | VER       | 36.00  | 107.19 | 1.20   |         |          | 43.20    |         |
|       |                               | JR G | VER       | 13.00  | 36.84  | 1.20   |         |          | 15.60    |         |
|       | MANZANA H                     |      |           |        |        |        |         |          | 0.00     |         |
|       |                               | JR H | VER       | 15.00  | 42.11  | 1.20   |         |          | 18.00    |         |
|       |                               | JR E | VER       | 36.00  | 106.87 | 1.20   |         |          | 43.20    |         |
|       |                               | JR G | VER       | 15.00  | 42.11  | 1.20   |         |          | 18.00    |         |
|       |                               | JR F | VER       | 36.00  | 107.18 | 1.20   |         |          | 43.20    |         |
|       | MANZANA I                     |      |           |        |        |        |         |          | 0.00     |         |
|       |                               | JR H | VER       | 15.00  | 42.23  | 1.20   |         |          | 18.00    |         |
|       |                               | JR E | VER       | 36.00  | 106.01 | 1.20   |         |          | 43.20    |         |
|       |                               | JR G | VER       | 15.00  | 42.23  | 1.20   |         |          | 18.00    |         |
|       |                               | JR F | VER       | 36.00  | 107.01 | 1.20   |         |          | 43.20    |         |
|       | MANZANA D                     |      |           |        |        |        |         |          | 0.00     |         |
|       |                               | JR H | VER       | 12.00  | 35.45  | 1.20   |         |          | 14.40    |         |
|       |                               | JR C | VER       | 52.00  | 155.07 | 1.80   |         |          | 93.60    |         |
|       |                               | AV A | VER       | 10.00  | 28.26  | 2.40   |         |          | 24.00    |         |
|       |                               | JR D | VER       | 53.00  | 157.96 | 1.20   |         |          | 63.60    |         |
|       | MANZANA E                     |      |           |        |        |        |         |          | 0.00     |         |
|       |                               | JR G | VER       | 53.00  | 157.75 | 1.20   |         |          | 63.60    |         |
|       |                               | JR D | VER       | 12.00  | 33.94  | 1.20   |         |          | 14.40    |         |
|       |                               | AV A | VER       | 52.00  | 153.99 | 2.40   |         |          | 124.80   |         |
|       | RAMPAS - LATERAL CON MARTILLO |      |           |        |        |        |         |          |          |         |
|       | MANZANA A                     |      |           |        |        |        |         |          |          |         |
|       |                               | AV B |           | 1.00   | 2.42   |        |         |          | 2.42     |         |
|       |                               |      |           | 1.00   | 2.35   |        |         |          | 2.35     |         |
|       |                               | JR C |           | 1.00   | 2.34   |        |         |          | 2.34     |         |
|       |                               |      |           | 1.00   | 2.35   |        |         |          | 2.35     |         |
|       |                               | JR H |           | 1.00   | 2.07   |        |         |          | 2.07     |         |
|       |                               |      |           | 1.00   | 2.08   |        |         |          | 2.08     |         |
|       |                               | JR F |           | 1.00   | 2.02   |        |         |          | 2.02     |         |
|       |                               |      |           | 1.00   | 2.07   |        |         |          | 2.07     |         |
|       | MANZANA B                     |      |           |        |        |        |         |          |          |         |
|       |                               | AV B |           | 1.00   | 2.29   |        |         |          | 2.29     |         |
|       |                               | JR F |           | 1.00   | 2.08   |        |         |          | 2.08     |         |
|       |                               |      |           | 1.00   | 2.14   |        |         |          | 2.14     |         |
|       |                               | JR H |           | 1.00   | 1.99   |        |         |          | 1.99     |         |
|       | MANZANA C                     |      |           |        |        |        |         |          |          |         |
|       |                               | JR H |           | 1.00   | 1.72   |        |         |          | 1.72     |         |
|       |                               |      |           | 1.00   | 2.32   |        |         |          | 2.32     |         |
|       |                               | JR F |           | 1.00   | 2.13   |        |         |          | 2.13     |         |
|       |                               |      |           | 1.00   | 2.17   |        |         |          | 2.17     |         |
|       |                               | JR G |           | 1.00   | 2.05   |        |         |          | 2.05     |         |
|       |                               |      |           | 1.00   | 1.94   |        |         |          | 1.94     |         |
|       | MANZANA D                     |      |           |        |        |        |         |          |          |         |
|       |                               | JR H |           | 1.00   | 2.11   |        |         |          | 2.11     |         |
|       |                               |      |           | 1.00   | 2.07   |        |         |          | 2.07     |         |
|       |                               | JR E |           | 1.00   | 2.13   |        |         |          | 2.13     |         |
|       |                               |      |           | 1.00   | 2.17   |        |         |          | 2.17     |         |
|       |                               | JR G |           | 1.00   | 2.02   |        |         |          | 2.02     |         |
|       |                               |      |           | 1.00   | 2.11   |        |         |          | 2.11     |         |
|       |                               | JR F |           | 1.00   | 2.17   |        |         |          | 2.17     |         |
|       |                               |      |           | 1.00   | 2.02   |        |         |          | 2.02     |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
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PEDRO GALILEO RUIZ YESAN  
JEFE



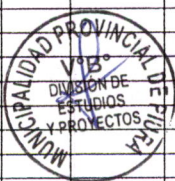
PLANILLA DE METRADO

MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 FOLIO: \_\_\_\_\_

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item     | Descripción                                      | Und. | Elementos |             |       |        | Metrado |          |          |         |
|----------|--|------|-----------|-------------|-------|--------|---------|----------|----------|---------|
|          |  |      | N°        | Largo       | Ancho | Altura | Unidad  | Longitud | Area     | Volumen |
|          | MANZANA I  |      |           |             |       |        |         |          |          |         |
|          |  | JR H | 1.00      | 2.28        |       |        |         | 2.28     |          |         |
|          |  |      | 1.00      | 2.08        |       |        |         | 2.08     |          |         |
|          |  | JR D | 1.00      | 2.05        |       |        |         | 2.05     |          |         |
|          |  |      | 1.00      | 2.10        |       |        |         | 2.10     |          |         |
|          |  | JR G | 1.00      | 2.09        |       |        |         | 2.09     |          |         |
|          |  |      | 1.00      | 2.04        |       |        |         | 2.04     |          |         |
|          |  | JR E | 1.00      | 2.16        |       |        |         | 2.16     |          |         |
|          |  |      | 1.00      | 2.13        |       |        |         | 2.13     |          |         |
|          | MANZANA D  |      |           |             |       |        |         |          |          |         |
|          |  | JR H | 1.00      | 2.01        |       |        |         | 2.01     |          |         |
|          |  |      | 1.00      | 2.09        |       |        |         | 2.09     |          |         |
|          |  | JR C | 2.00      | 2.35        |       |        |         | 4.70     |          |         |
|          |  | AV A | 2.00      | 2.80        |       |        |         | 5.60     |          |         |
|          |  | JR D | 1.00      | 2.15        |       |        |         | 2.15     |          |         |
|          |  |      | 1.00      | 2.05        |       |        |         | 2.05     |          |         |
|          | MANZANA E  |      |           |             |       |        |         |          |          |         |
|          |  | JR G | 1.00      | 2.05        |       |        |         | 2.05     |          |         |
|          |  |      | 1.00      | 2.09        |       |        |         | 2.09     |          |         |
|          |  | JR D | 1.00      | 2.19        |       |        |         | 2.19     |          |         |
|          |  |      | 1.00      | 2.14        |       |        |         | 2.14     |          |         |
|          |  | AV A | 1.00      | 2.26        |       |        |         | 2.26     |          |         |
|          |  |      | 1.00      | 1.69        |       |        |         | 1.69     |          |         |
|          | RAMPAS - TRANSVERSAL CON VEREDA                  |      |           |             |       |        |         |          |          |         |
|          | MANZANA A  |      | 12.00     | 1.00        |       |        |         | 12.00    |          |         |
|          | MANZANA B  |      | 5.00      | 1.00        |       |        |         | 5.00     |          |         |
|          | MANZANA C  |      | 6.00      | 1.00        |       |        |         | 6.00     |          |         |
|          | MANZANA H  |      | 8.00      | 1.00        |       |        |         | 8.00     |          |         |
|          | MANZANA I  |      | 8.00      | 1.00        |       |        |         | 8.00     |          |         |
|          | MANZANA D  |      | 10.00     | 1.00        |       |        |         | 10.00    |          |         |
|          | MANZANA E  |      | 10.00     | 1.00        |       |        |         | 10.00    |          |         |
| 07       | SEÑALIZACION                                     |      |           |             |       |        |         |          |          |         |
| 07.01    | SEÑALIZACION HORIZONTAL                          |      |           |             |       |        |         |          |          |         |
| 07.01.01 | LINEA CONTINUA PINTURA BLANCA (E=0.10 M)         | m2   |           |             |       |        |         |          | 68.09    |         |
|          | JIRON H  |      |           | 188.25      | 0.10  |        |         |          | 18.83    |         |
|          | JIRON F  |      |           | 179.06      | 0.10  |        |         |          | 17.91    |         |
|          | JIRON D  |      |           | 181.21      | 0.10  |        |         |          | 18.12    |         |
|          | JIRON G  |      |           | 132.36      | 0.10  |        |         |          | 13.24    |         |
| 07.01.02 | PINTADO DE PAVIMENTO (FLECHA SOLO DE FRENTE)     | m2   |           | area flecha |       |        |         |          | 7.48     |         |
|          | JIRON H  |      | 3.00      | 0.534       |       |        |         |          | 1.60     |         |
|          | JIRON F  |      | 4.00      | 0.534       |       |        |         |          | 2.14     |         |
|          | JIRON D  |      | 4.00      | 0.534       |       |        |         |          | 2.14     |         |
|          | JIRON G  |      | 3.00      | 0.534       |       |        |         |          | 1.60     |         |
| 07.01.03 | PINTURA EN SARDINELES Y MARTILLOS                | m2   |           |             |       |        |         |          | 345.93   |         |
|          | LONGITUD SARDINELES BAJO                         |      |           | 864.83      |       | 0.40   |         |          | 345.93   |         |
| 07.01.04 | LINEA DE PARE PINTURA BLANCA (E=0.20 M)          | m2   |           |             |       |        |         |          | 3.60     |         |
|          |  |      | 3.00      | 2.40        | 0.50  |        |         |          | 3.60     |         |
| 07.01.05 | PINTURA BLANCA ZEBRA PEATONAL 0.50x3.00 M.       | m2   |           |             |       |        |         |          | 167.40   |         |
|          | JIRON H  |      | 6.00      | 3.00        | 3.10  |        |         |          | 55.80    |         |
|          | JIRON F  |      | 4.00      | 3.00        | 3.10  |        |         |          | 37.20    |         |
|          | JIRON D  |      | 4.00      | 3.00        | 3.10  |        |         |          | 37.20    |         |
|          | JIRON G  |      | 4.00      | 3.00        | 3.10  |        |         |          | 37.20    |         |
| 08       | MITIGACION AMBIENTAL                             |      |           |             |       |        |         |          |          |         |
| 08.01    | REHABILITACION DE JARDINES INC. TIERRA DE CHACRA | m2   |           |             |       |        |         |          | 3,117.44 |         |
|          | MANZANA A  |      |           |             |       |        |         |          |          |         |
|          |  | AV B |           |             |       |        |         |          | 267.57   |         |
|          |  | JR C |           |             |       |        |         |          | 67.16    |         |
|          |  | JR H |           |             |       |        |         |          | 173.69   |         |
|          |  | JR F |           |             |       |        |         |          | 61.70    |         |
|          | MANZANA B  |      |           |             |       |        |         |          |          |         |
|          |  | AV B |           |             |       |        |         |          | 12.35    |         |
|          |  | JR F |           |             |       |        |         |          | 63.56    |         |
|          |  | JR H |           |             |       |        |         |          | 75.82    |         |
|          | MANZANA C  |      |           |             |       |        |         |          |          |         |
|          |  | JR H |           |             |       |        |         |          | 67.45    |         |
|          |  | JR F |           |             |       |        |         |          | 190.64   |         |
|          |  | JR G |           |             |       |        |         |          | 62.51    |         |
|          | MANZANA H  |      |           |             |       |        |         |          |          |         |
|          |  | JR H |           |             |       |        |         |          |          |         |

MUNICIPALIDAD PROVINCIAL DE PIURA  
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FOLIO: \_\_\_\_\_

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 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción  | Und. | Elementos |       |       |        | Metrado |          |        |         |
|-------|--|------|-----------|-------|-------|--------|---------|----------|--------|---------|
|       |  |      | N°        | Largo | Ancho | Altura | Unidad  | Longitud | Area   | Volumen |
|       | JR E   |      |           |       |       |        |         |          | 204.25 |         |
|       | JR G   |      |           |       |       |        |         |          | 69.28  |         |
|       | JR F   |      |           |       |       |        |         |          | 210.08 |         |
|       | MANZANA I  |      |           |       |       |        |         |          |        |         |
|       | JR H   |      |           |       |       |        |         |          | 83.67  |         |
|       | JR D   |      |           |       |       |        |         |          | 208.15 |         |
|       | JR G   |      |           |       |       |        |         |          | 75.00  |         |
|       | JR E   |      |           |       |       |        |         |          | 215.02 |         |
|       | MANZANA D  |      |           |       |       |        |         |          |        |         |
|       | JR H   |      |           |       |       |        |         |          | 60.17  |         |
|       | JR C   |      |           |       |       |        |         |          | 232.18 |         |
|       | AV A   |      |           |       |       |        |         |          | 60.47  |         |
|       | JR D   |      |           |       |       |        |         |          | 213.67 |         |
|       | MANZANA E  |      |           |       |       |        |         |          |        |         |
|       | JR G   |      |           |       |       |        |         |          | 178.25 |         |
|       | JR D   |      |           |       |       |        |         |          | 66.08  |         |
|       | AV A   |      |           |       |       |        |         |          | 198.52 |         |
| 08.02 | IMPLEMENTACION DE PLAN DE DESVIO Y MANTENIMIENTO DEL TRAFICO | mes  |           |       |       |        |         | 2.00     |        |         |
| 08.03 | MITIGACION DEL IMPACTO AMBIENTAL                             | glb  |           |       |       |        |         | 1.00     |        |         |
| 08.04 | RIEGO DE AGUA EN EL AREA DE TRABAJO                          | glb  |           |       |       |        |         | 1.00     |        |         |
| 08.05 | LIMPIEZA FINAL DE LA OBRA                                    | m2   |           |       |       |        |         | 8,179.13 |        |         |
|       | LIMPIEZA DE TERRENO MANUAL                                   |      |           |       |       |        |         | 8,179.13 |        |         |
| 09    | VARIOS   |      |           |       |       |        |         |          |        |         |
| 09.01 | BAJADA DE NIVEL DE CONEXION DOMICILIARIA AGUA A RED MATRIZ   | und  |           |       |       |        |         | 5.00     |        |         |
| 09.02 | BAJADA DE CONEXIÓN DOMICILIARIA DESAGUE TUBO PVC DN Ø200     | und  |           |       |       |        |         | 5.00     |        |         |
| 09.03 | NIVELACION DE CAJA DE AGUA Y DESAGUE                         | und  |           |       |       |        |         | 42.00    |        |         |
|       | MANZANA A  |      | 9.00      |       |       |        |         | 9.00     |        |         |
|       | MANZANA B  |      | 3.00      |       |       |        |         | 3.00     |        |         |
|       | MANZANA C  |      | 7.00      |       |       |        |         | 7.00     |        |         |
|       | MANZANA H  |      | 4.00      |       |       |        |         | 4.00     |        |         |
|       | MANZANA D  |      | 9.00      |       |       |        |         | 9.00     |        |         |
|       | MANZANA E  |      | 10.00     |       |       |        |         | 10.00    |        |         |
| 09.04 | PLACA RECORDATORIA INC. MURO                                 | glb  |           |       |       |        |         | 1.00     |        |         |



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PLANILLA DE METRADO

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 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item     | Descripción   | Und.               | Elementos |       |       | Metrado |        |          |          |         |
|----------|---|--------------------|-----------|-------|-------|---------|--------|----------|----------|---------|
|          |   |                    | N°        | Largo | Ancho | Altura  | Unidad | Longitud | Area     | Volumen |
| 01       | OBRAS PROVISIONALES                                     |                    |           |       |       |         |        |          |          |         |
| 01.01    | CARTEL DE IDENTIFICACION DE LA OBRA 3.60X2.40m          | und                | 1.00      |       |       |         | 1.00   |          |          |         |
| 01.02    | ALQUILER DEL LOCAL P/OFICINA Y/O ALMACEN                | mes                | 2.00      |       |       |         | 2.00   |          |          |         |
| 01.03    | DEPOSITO PARA ALMACENAR AGUA                            | und                | 1.00      |       |       |         | 1.00   |          |          |         |
| 01.04    | ALQUILER DE SERVICIOS QUIMICOS                          | mes                | 2.00      |       |       |         | 2.00   |          |          |         |
| 02       | SEGURIDAD Y SALUD EN OBRA                               |                    |           |       |       |         |        |          |          |         |
| 02.01    | KIT DE LIMPIEZA Y DESINFECCION PERSONAL                 | mes                | 2.00      |       |       |         | 2.00   |          |          |         |
| 02.02    | EQUIPOS DE PROTECCION INDIVIDUAL                        | und                | 1.00      |       |       |         | 30.00  |          |          |         |
| 02.03    | EQUIPOS DE PROTECCION COLECTIVA                         | glb                | 1.00      |       |       |         | 1.00   |          |          |         |
| 02.04    | SEÑALIZACION TEMPORAL DE SEGURIDAD                      | glb                | 1.00      |       |       |         | 1.00   |          |          |         |
| 02.05    | ELABORACION, IMPLEMENTACION Y ADMINISTRACION DEL PLAN   | glb                | 1.00      |       |       |         | 1.00   |          |          |         |
|          | TRABAJOS PRELIMINARES                                   |                    |           |       |       |         |        |          |          |         |
|          | LIMPIEZA DE TERRENO MANUAL                              | m2                 |           |       |       |         |        | 8,179.13 |          |         |
|          | AREA DE PISTA   |                    |           |       |       |         |        | 4,046.56 |          |         |
|          | AREA DE VEREDA - RAMPA                                  |                    |           |       |       |         |        | 4,132.57 |          |         |
| 03.02    | TRAZO Y REPLANTEO INICAL                                | m2                 |           |       |       |         |        | 8,179.13 |          |         |
|          | LIMPIEZA DE TERRENO MANUAL                              |                    |           |       |       |         |        | 8,179.13 |          |         |
| 03.03    | MOVILIZACION Y DESMOVILIZACION DE EQUIPOS Y MAQUINARIAS | glb                | 1.00      |       |       |         | 1.00   |          |          |         |
| 03.04    | DEMOLICIONES  |                    |           |       |       |         |        |          |          |         |
| 03.04.01 | DEMOLICION DE VEREDAS                                   | m2                 |           |       |       |         |        |          | 3,701.76 |         |
|          | MANZANA A   | De plano LT-01     |           |       |       |         |        |          | 638.95   |         |
|          |   | INGRESOS AVENIDA B |           |       |       |         |        |          | 7.57     |         |
|          |   |                    |           |       |       |         |        |          | 3.15     |         |
|          |   |                    |           |       |       |         |        |          | 1.56     |         |
|          |   |                    |           |       |       |         |        |          | 1.51     |         |
|          |   |                    |           |       |       |         |        |          | 1.50     |         |
|          |   |                    |           |       |       |         |        |          | 1.51     |         |
|          |   |                    |           |       |       |         |        |          | 5.98     |         |
|          |   |                    |           |       |       |         |        |          | 1.50     |         |
|          |   |                    |           |       |       |         |        |          | 1.51     |         |
|          |   |                    |           |       |       |         |        |          | 1.50     |         |
|          |   |                    |           |       |       |         |        |          | 1.51     |         |
|          |   |                    |           |       |       |         |        |          | 19.76    |         |
|          |   |                    |           |       |       |         |        |          | 2.47     |         |
|          |   |                    |           |       |       |         |        |          | 7.39     |         |
|          |   |                    |           |       |       |         |        |          | 7.36     |         |
|          |   |                    |           |       |       |         |        |          | 2.45     |         |
|          |   | INGRESOS JR. H     |           |       |       |         |        |          | 6.53     |         |
|          |   |                    |           |       |       |         |        |          | 6.53     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 6.53     |         |
|          |   |                    |           |       |       |         |        |          | 1.31     |         |
|          |   |                    |           |       |       |         |        |          | 1.31     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 1.31     |         |
|          |   |                    |           |       |       |         |        |          | 1.31     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 1.31     |         |
|          |   |                    |           |       |       |         |        |          | 1.31     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 6.53     |         |
|          |   |                    |           |       |       |         |        |          | 11.77    |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |
|          |   |                    |           |       |       |         |        |          | 13.08    |         |
|          |   |                    |           |       |       |         |        |          | 17.41    |         |
|          |   |                    |           |       |       |         |        |          | 8.70     |         |
|          |   |                    |           |       |       |         |        |          | 2.18     |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Arq. PEDRO GALILEO RUIZ YESAN  
 JEFE



PLANILLA DE METRADO

FOLIO: \_\_\_\_\_

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

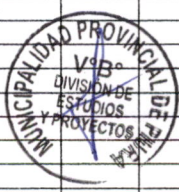
| Item      | Descripción        | Und. | Elementos |       |       | Metrado |        |          |      |
|-----------|--------------------|------|-----------|-------|-------|---------|--------|----------|------|
|           |                    |      | N°        | Largo | Ancho | Altura  | Unidad | Longitud | Area |
| MANZANA B | INGRESOS AVENIDA B |      |           |       |       |         |        | 162.37   |      |
|           |                    |      |           |       |       |         |        | 2.25     |      |
|           |                    |      |           |       |       |         |        | 17.21    |      |
|           |                    |      |           |       |       |         |        | 7.16     |      |
| MANZANA C | INGRESOS JIRON H   |      |           |       |       |         |        | 1.47     |      |
|           |                    |      |           |       |       |         |        | 1.48     |      |
|           |                    |      |           |       |       |         |        | 270.39   |      |
|           |                    |      |           |       |       |         |        | 7.85     |      |
| MANZANA H | INGRESO JIRON H    |      |           |       |       |         |        | 7.85     |      |
|           |                    |      |           |       |       |         |        | 1.35     |      |
|           |                    |      |           |       |       |         |        | 1.35     |      |
|           |                    |      |           |       |       |         |        | 2.25     |      |
| MANZANA I | INGRESO JIRON F    |      |           |       |       |         |        | 17.83    |      |
|           |                    |      |           |       |       |         |        | 6.78     |      |
|           |                    |      |           |       |       |         |        | 412.11   |      |
|           |                    |      |           |       |       |         |        | 10.92    |      |
| MANZANA D | INGRESO JIRON G    |      |           |       |       |         |        | 8.72     |      |
|           |                    |      |           |       |       |         |        | 1.30     |      |
|           |                    |      |           |       |       |         |        | 1.30     |      |
|           |                    |      |           |       |       |         |        | 6.47     |      |
| MANZANA D | INGRESO JIRON H    |      |           |       |       |         |        | 412.50   |      |
|           |                    |      |           |       |       |         |        | 687.63   |      |
|           |                    |      |           |       |       |         |        | 2.15     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.45     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 7.35     |      |
| MANZANA D | INGRESO JIRON C    |      |           |       |       |         |        | 7.35     |      |
|           |                    |      |           |       |       |         |        | 2.4      |      |



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item     | Descripción   | Und.           | Elementos |          |       | Metrado |          |          |          |          |
|----------|---|----------------|-----------|----------|-------|---------|----------|----------|----------|----------|
|          |   |                | N°        | Largo    | Ancho | Altura  | Unidad   | Longitud | Area     | Volumen  |
|          |   |                |           |          |       |         |          |          | 1.29     |          |
|          |   |                |           |          |       |         |          |          | 1.29     |          |
|          |   |                |           |          |       |         |          |          | 2.15     |          |
| 03.04.02 | DEMOLICION DE SARDINEL DE CONCRETO                          | ml             |           |          |       |         |          |          | 1,059.83 |          |
|          | MANZANA A   | De plano LT-01 |           |          |       |         |          |          |          |          |
|          | JIRON H   |                |           |          |       |         |          |          | 154.84   |          |
|          | JIRON F   |                |           |          |       |         |          |          | 33.71    |          |
|          | MANZANA B   |                |           |          |       |         |          |          |          |          |
|          | JIRON F   |                |           |          |       |         |          |          | 33.64    |          |
|          | MANZANA C   |                |           |          |       |         |          |          |          |          |
|          | JIRON F   |                |           |          |       |         |          |          | 107.18   |          |
|          | MANZANA H   |                |           |          |       |         |          |          |          |          |
|          | JIRON H   |                |           |          |       |         |          |          | 42.11    |          |
|          | JIRON F   |                |           |          |       |         |          |          | 107.18   |          |
|          | JIRON G   |                |           |          |       |         |          |          | 42.11    |          |
|          | MANZANA I   |                |           |          |       |         |          |          |          |          |
|          | JIRON G   |                |           |          |       |         |          |          | 42.24    |          |
|          | JIRON D   |                |           |          |       |         |          |          | 107.00   |          |
|          | JIRON H   |                |           |          |       |         |          |          | 42.24    |          |
|          | MANZANA D   |                |           |          |       |         |          |          |          |          |
|          | JIRON H   |                |           |          |       |         |          |          | 35.45    |          |
|          | JIRON D   |                |           |          |       |         |          |          | 157.96   |          |
|          | MANZANA E   |                |           |          |       |         |          |          |          |          |
|          | JIRON D   |                |           |          |       |         |          |          | 33.94    |          |
|          | JIRON G   |                |           |          |       |         |          |          | 120.23   |          |
| 03.05    | ACARREO INTERNO MAT. PROCEDENTE DE DEMOLICIONES             | m3             |           |          |       |         |          |          |          | 433.77   |
|          | DEMOLICION DE VEREDAS                                       | 3,701.76       |           |          |       | 0.10    |          |          |          | 370.18   |
|          | DEMOLICION DE SARDINEL DE CONCRETO                          |                |           | 1,059.83 | 0.20  | 0.30    |          |          |          | 63.59    |
| 03.06    | ELIMINACION DE MATERIAL PROCEDENTE DE DEMOLICIONES C/EQ     | m3             | F..E.     |          |       |         |          |          |          | 542.21   |
|          | ACARREO INTERNO MAT. PROCEDENTE DE DEMOLICIONES             | 433.77         | 1.25      |          |       |         |          |          |          | 542.21   |
| 03.07    | TRAZO, NIVEL Y REPLANTEO C/EQUIPO DURANTE LA OBRA           | m2             |           |          |       |         |          |          | 8,179.13 |          |
|          | TRAZO Y REPLANTEO INICAL                                    |                |           |          |       |         |          |          | 8,179.13 |          |
| 04       | PAVIMENTO RIGIDO  |                |           |          |       |         |          |          |          |          |
| 04.01    | MOVIMIENTO DE TIERRAS                                       |                |           |          |       |         |          |          |          |          |
| 04.01.01 | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC. CAR   | m3             |           |          |       |         |          |          |          | 1,538.87 |
|          | JIRON H   |                |           |          |       |         |          |          |          | 377.43   |
|          | JIRON F   |                |           |          |       |         |          |          |          | 417.28   |
|          | JIRON D   |                |           |          |       |         |          |          |          | 489.76   |
|          | JIRON G   |                |           |          |       |         |          |          |          | 254.40   |
| 04.01.02 | PERFILADO, NIVELACION Y COMPACTACION DE SUB RASANTE         | m2             |           |          |       |         |          |          | 4,046.56 |          |
|          | JIRON H   |                |           |          |       |         |          |          | 1,296.15 |          |
|          | JIRON F   |                |           |          |       |         |          |          | 208.80   |          |
|          | JIRON D   |                |           |          |       |         |          |          | 664.51   |          |
|          | JIRON G   |                |           |          |       |         |          |          | 1,031.18 |          |
|          | JIRON G   |                |           |          |       |         |          |          | 845.92   |          |
| 04.01.03 | BASE DE AFIRMADO (E=0.20M.) EXTENDIDO, RIEGO Y COMPACTACION | m2             |           |          |       |         |          |          | 4,046.56 |          |
|          | PERFILADO, NIVELACION Y COMPACTACION DE SUB RASANTE         |                |           |          |       |         |          |          | 4,046.56 |          |
| 04.01.04 | ACARREO DE MATERIAL EXCEDENTE D=50M                         | m3             |           |          |       |         |          |          |          | 1,538.87 |
|          | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC.       |                |           |          |       |         |          |          |          | 1,538.87 |
| 04.01.05 | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM.      | m3             | F.E.      |          |       |         |          |          |          | 1,923.59 |
|          | CORTE DE TERRENO A NIVEL DE SUBRASANTE C/EQUIPO (INC.       |                | 1.25      |          |       |         | 1,538.87 |          |          | 1,923.59 |
| 04.02    | LOSA DE PAVIMENTO   |                |           |          |       |         |          |          |          |          |
| 04.02.01 | ENCOFRADO Y DESENCOFRADO EN JUNTAS DE CONSTRUCCION          | m2             |           |          |       |         |          |          | 103.89   |          |
|          | ACERO EN JUNTA DE CONSTRUCCION LONGITUDINAL FIERRO          |                |           | 692.59   |       | 0.15    |          |          |          | 103.89   |
|          | CORRIGADO 1/2" LONG 70CM @ 0.90M                            |                |           |          |       |         |          |          |          |          |
| 04.02.02 | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             | m2             |           |          |       |         |          |          | 4,046.56 |          |
|          | BASE DE AFIRMADO (E=0.20M.) EXTENDIDO, RIEGO Y COMPACTACION |                |           |          |       |         |          |          | 4,046.56 |          |
| 04.02.03 | ADITIVO RETARDANTE DE EVAPORACION                           | m2             |           |          |       |         |          |          | 4,046.56 |          |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             |                |           |          |       |         |          |          | 4,046.56 |          |
| 04.02.04 | NIVELACION Y TEXTURIZADO DE SUPERFICIE                      | m2             |           |          |       |         |          |          | 4,046.56 |          |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES             |                |           |          |       |         |          |          | 4,046.56 |          |
| 04.02.05 | CURADOR QUIMICO   | m2             |           |          |       |         |          |          | 4,046.56 |          |



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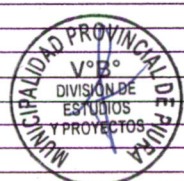


PLANILLA DE METRADO

FOLIO: \_\_\_\_\_

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item     | Descripción  | Und.           | Elementos |        |       |        | Metrado |          |       |
|----------|--|----------------|-----------|--------|-------|--------|---------|----------|-------|
|          |  |                | N°        | Largo  | Ancho | Altura | Unidad  | Longitud | Area  |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES          |                |           |        |       |        |         | 4,046.56 |       |
| 04.02.06 | PLANCHADO (TIPO FROTACHADO) CON ALISADORA SIMPLE C/DISCO | m2             |           |        |       |        |         | 4,046.56 |       |
|          | CONCRETO MR=40 KG/CM2 (MODULO DE ROTURA) CALLES          |                |           |        |       |        |         | 4,046.56 |       |
| 04.02.07 | CORTE EN FRESCO CON DISCOS DIAMANTADOS e=2mm             | m              |           |        |       |        |         | 2,875.63 |       |
|          | JIRON H  |                |           |        |       |        |         | 0.00     |       |
|          | LONGITUDINAL   |                | 2.00      | 174.40 |       |        |         | 348.80   |       |
|          | TRANSVERSAL  |                | 78.00     | 6.20   |       |        |         | 483.60   |       |
|          |  |                | 2.00      | 9.00   |       |        |         | 18.00    |       |
|          |  |                | 2.00      | 12.50  |       |        |         | 25.00    |       |
|          |  |                | 2.00      | 18.00  |       |        |         | 36.00    |       |
|          |  |                | 2.00      | 7.70   |       |        |         | 15.40    |       |
|          |  |                | 2.00      | 9.70   |       |        |         | 19.40    |       |
|          |  |                | 2.00      | 13.15  |       |        |         | 26.30    |       |
|          |  |                | 2.00      | 7.50   |       |        |         | 15.00    |       |
|          |  |                | 2.00      | 9.30   |       |        |         | 18.60    |       |
|          |  |                | 2.00      | 12.30  |       |        |         | 24.60    |       |
|          | JIRON F  |                |           |        |       |        |         |          |       |
|          | LONGITUDINAL   |                | 2.00      | 33.66  |       |        |         | 67.32    |       |
|          |  |                | 2.00      | 10.20  |       |        |         | 20.40    |       |
|          | TRANSVERSAL  |                | 77.00     | 6.20   |       |        |         | 477.40   |       |
|          | JIRON E  |                |           |        |       |        |         |          |       |
|          | JIRON D  |                |           |        |       |        |         |          |       |
|          | LONGITUDINAL   |                | 2.00      | 158.00 |       |        |         | 316.00   |       |
|          |  |                | 1.00      | 14.45  |       |        |         | 14.45    |       |
|          |  |                | 1.00      | 10.00  |       |        |         | 10.00    |       |
|          |  |                | 1.00      | 6.70   |       |        |         | 6.70     |       |
|          |  |                | 1.00      | 6.50   |       |        |         | 6.50     |       |
|          | TRANSVERSAL  |                | 80.00     | 6.20   |       |        |         | 496.00   |       |
|          |  |                | 2.00      | 7.30   |       |        |         | 14.60    |       |
|          |  |                | 2.00      | 9.00   |       |        |         | 18.00    |       |
|          |  |                | 2.00      | 12.20  |       |        |         | 24.40    |       |
|          | JIRON G  |                |           |        |       |        |         |          |       |
|          | LONGITUDINAL   |                | 2.00      | 118.93 |       |        |         | 237.86   |       |
|          | TRANSVERSAL  |                |           |        |       |        |         |          |       |
|          |  |                | 1.00      | 7.60   |       |        |         | 7.60     |       |
|          |  |                | 2.00      | 9.00   |       |        |         | 18.00    |       |
|          |  |                | 1.00      | 10.00  |       |        |         | 10.00    |       |
|          |  |                | 2.00      | 2.60   |       |        |         | 5.20     |       |
|          |  |                | 3.00      | 7.70   |       |        |         | 23.10    |       |
|          |  |                | 1.00      | 10.00  |       |        |         | 10.00    |       |
|          |  |                | 2.00      | 12.10  |       |        |         | 24.20    |       |
|          | ACERO EN JUNTA DE CONSTRUCCION TRANSVERSAL - FIERRO      |                |           |        |       |        |         | 37.20    |       |
| 04.02.08 | ACERO EN JUNTA DE CONSTRUCCION LONGITUDINAL FIERRO COR   | m              |           |        |       |        |         | 692.59   |       |
|          | JIRON H  |                |           | 187.43 |       |        |         | 187.43   |       |
|          | JIRON G  |                |           | 131.18 |       |        |         | 131.18   |       |
|          | JIRON F  |                |           | 185.44 |       |        |         | 185.44   |       |
|          | JIRON D  |                |           | 188.54 |       |        |         | 188.54   |       |
| 04.02.09 | ACERO EN JUNTA DE CONSTRUCCION TRANSVERSAL - FIERRO LIS  | m              |           |        |       |        |         | 37.20    |       |
|          | JIRON F  |                |           | 6.20   |       |        |         | 6.20     |       |
|          |  |                |           | 6.20   |       |        |         | 6.20     |       |
|          |  |                |           | 6.20   |       |        |         | 6.20     |       |
|          |  |                |           | 6.20   |       |        |         | 6.20     |       |
|          | JIRON D  |                |           | 6.20   |       |        |         | 6.20     |       |
|          |  |                |           | 6.20   |       |        |         | 6.20     |       |
| 05       | SARDINELES   |                |           |        |       |        |         |          |       |
| 05.01    | EXCAVACION MANUAL DE ZANJAS P/SARDINEL                   | m3             |           |        |       |        |         |          | 74.32 |
|          | MANZANA A  | De plano PP-01 |           |        |       |        |         |          |       |
|          | JIRON H  |                |           | 6.36   | 0.20  | 0.35   |         |          | 0.45  |
|          |  |                |           | 1.41   | 0.20  | 0.35   |         |          | 0.10  |
|          |  |                |           | 17.37  | 0.20  | 0.35   |         |          | 1.22  |
|          |  |                |           | 1.00   | 0.20  | 0.35   |         |          | 0.07  |
|          |  |                |           | 3.22   | 0.20  | 0.35   |         |          | 0.23  |
|          |  |                |           | 5.00   | 0.20  | 0.35   |         |          | 0.35  |
|          |  |                |           | 1.20   | 0.20  | 0.35   |         |          | 0.08  |
|          |  |                |           | 1.48   | 0.20  | 0.35   |         |          | 0.10  |
|          |  |                |           | 1.10   | 0.20  | 0.35   |         |          | 0.08  |
|          |  |                |           | 0.33   | 0.20  | 0.35   |         |          | 0.02  |
|          |  |                |           | 1.20   | 0.20  | 0.35   |         |          | 0.08  |
|          |  |                |           | 2.13   | 0.20  | 0.35   |         |          | 0.15  |
|          |  |                |           | 2.11   | 0.20  | 0.35   |         |          | 0.15  |
|          |  |                |           | 0.94   | 0.20  | 0.35   |         |          | 0.07  |
|          |  |                |           | 1.63   | 0.20  | 0.35   |         |          | 0.11  |
|          |  |                |           | 2.08   | 0.20  | 0.35   |         |          | 0.15  |



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 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción  | Und.    | Elementos |        |       |        | Metrado |          |        |         |
|-------|--|---------|-----------|--------|-------|--------|---------|----------|--------|---------|
|       |  |         | N°        | Largo  | Ancho | Altura | Unidad  | Longitud | Area   | Voiumen |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 2.00   | 0.20  | 0.35   |         |          |        | 0.14    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 2.72   | 0.20  | 0.35   |         |          |        | 0.19    |
|       |  |         |           | 6.47   | 0.20  | 0.35   |         |          |        | 0.45    |
|       |  |         |           | 14.76  | 0.20  | 0.35   |         |          |        | 1.03    |
|       |  |         |           | 1.10   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 2.48   | 0.20  | 0.35   |         |          |        | 0.17    |
|       |  |         |           | 4.00   | 0.20  | 0.35   |         |          |        | 0.28    |
|       |  |         |           | 4.42   | 0.20  | 0.35   |         |          |        | 0.31    |
|       |  |         |           | 2.09   | 0.20  | 0.35   |         |          |        | 0.15    |
|       |  | JIRON F |           | 31.72  | 0.20  | 0.35   |         |          |        | 2.22    |
|       |  | FRENTE  |           | 196.44 | 0.20  | 0.35   |         |          |        | 13.75   |
|       | MANZANA B  | JIRON F |           | 31.65  | 0.20  | 0.35   |         |          |        | 2.22    |
|       | MANZANA C  | JIRON F |           | 16.78  | 0.20  | 0.35   |         |          |        | 1.17    |
|       |  |         |           | 1.40   | 0.20  | 0.35   |         |          |        | 0.10    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 11.95  | 0.20  | 0.35   |         |          |        | 0.84    |
|       |  |         |           | 9.00   | 0.20  | 0.35   |         |          |        | 0.63    |
|       |  |         |           | 36.41  | 0.20  | 0.35   |         |          |        | 2.55    |
|       | MANZANA H  | JIRON H |           | 22.51  | 0.20  | 0.35   |         |          |        | 1.58    |
|       |  |         |           | 4.15   | 0.20  | 0.35   |         |          |        | 0.29    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 2.05   | 0.20  | 0.35   |         |          |        | 0.14    |
|       |  | JIRON G |           | 13.96  | 0.20  | 0.35   |         |          |        | 0.98    |
|       |  |         |           | 23.15  | 0.20  | 0.35   |         |          |        | 1.62    |
|       |  | JIRON F |           | 105.18 | 0.20  | 0.35   |         |          |        | 7.36    |
|       | MANZANA I  |         |           |        | 0.20  | 0.35   |         |          |        | 0.07    |
|       |  | JIRON H |           | 40.24  | 0.20  | 0.35   |         |          |        | 2.82    |
|       |  | JIRON D |           | 104.01 | 0.20  | 0.35   |         |          |        | 7.28    |
|       |  | JIRON G |           | 40.29  | 0.20  | 0.35   |         |          |        | 2.82    |
|       | MANZANA D  | JIRON H |           | 14.25  | 0.20  | 0.35   |         |          |        | 1.00    |
|       |  |         |           | 18.20  | 0.20  | 0.35   |         |          |        | 1.27    |
|       |  | JIRON D |           | 17.94  | 0.20  | 0.35   |         |          |        | 1.26    |
|       |  |         |           | 4.09   | 0.20  | 0.35   |         |          |        | 0.29    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 6.53   | 0.20  | 0.35   |         |          |        | 0.46    |
|       |  |         |           | 5.90   | 0.20  | 0.35   |         |          |        | 0.41    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 5.30   | 0.20  | 0.35   |         |          |        | 0.37    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 2.02   | 0.20  | 0.35   |         |          |        | 0.14    |
|       |  |         |           | 13.93  | 0.20  | 0.35   |         |          |        | 0.98    |
|       |  |         |           | 1.71   | 0.20  | 0.35   |         |          |        | 0.12    |
|       |  |         |           | 8.00   | 0.20  | 0.35   |         |          |        | 0.56    |
|       |  |         |           | 1.80   | 0.20  | 0.35   |         |          |        | 0.13    |
|       |  |         |           | 4.21   | 0.20  | 0.35   |         |          |        | 0.29    |
|       |  |         |           | 19.25  | 0.20  | 0.35   |         |          |        | 1.35    |
|       |  |         |           | 7.45   | 0.20  | 0.35   |         |          |        | 0.52    |
|       |  |         |           | 8.16   | 0.20  | 0.35   |         |          |        | 0.57    |
|       |  |         |           | 15.20  | 0.20  | 0.35   |         |          |        | 1.06    |
|       | MANZANA E  | JIRON G |           | 19.18  | 0.20  | 0.35   |         |          |        | 1.34    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 3.04   | 0.20  | 0.35   |         |          |        | 0.21    |
|       |  |         |           | 9.90   | 0.20  | 0.35   |         |          |        | 0.69    |
|       |  |         |           | 2.52   | 0.20  | 0.35   |         |          |        | 0.18    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 6.10   | 0.20  | 0.35   |         |          |        | 0.43    |
|       |  |         |           | 7.02   | 0.20  | 0.35   |         |          |        | 0.49    |
|       |  |         |           | 3.32   | 0.20  | 0.35   |         |          |        | 0.23    |
|       |  |         |           | 3.51   | 0.20  | 0.35   |         |          |        | 0.25    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 17.81  | 0.20  | 0.35   |         |          |        | 1.25    |
|       |  |         |           | 4.06   | 0.20  | 0.35   |         |          |        | 0.28    |
|       |  |         |           | 1.20   | 0.20  | 0.35   |         |          |        | 0.08    |
|       |  |         |           | 4.22   | 0.20  | 0.35   |         |          |        | 0.30    |
|       |  |         |           | 1.40   | 0.20  | 0.35   |         |          |        | 0.10    |
|       |  | JIRON D |           | 31.94  | 0.20  | 0.35   |         |          |        | 2.24    |
| 05.02 | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM. | m3      | F.E.      |        |       |        |         |          |        | 92.89   |
|       | EXCAVACION MANUAL DE ZANJAS P/SARDINEL                 |         | 1.25      | 74.32  |       |        |         |          |        | 92.89   |
| 05.03 | ENCOFRADO Y DESENCOFRADO DE SARDINEL                   | m2      |           |        |       |        |         |          | 137.73 |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Atq. PEDRO GALILEO RUIZ YESAM  
 JEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item | Descripción | Und.    | Elementos      |       |       | Metrado |        |          |      |         |  |
|------|-------------|---------|----------------|-------|-------|---------|--------|----------|------|---------|--|
|      |             |         | N°             | Largo | Ancho | Altura  | Unidad | Longitud | Area | Volumen |  |
|      | MANZANA A   | JIRON H | De plano PP-01 |       |       |         |        |          |      |         |  |
|      |             |         | 2,00           | 6,36  | 0,20  | 0,35    |        |          |      | 0,89    |  |
|      |             |         | 4,00           |       | 0,20  | 0,20    |        |          |      | 0,16    |  |
|      |             |         | 2,00           | 1,41  | 0,20  | 0,35    |        |          |      | 0,20    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 17,37 | 0,20  | 0,35    |        |          |      | 2,43    |  |
|      |             |         | 7,00           |       | 0,20  | 0,20    |        |          |      | 0,28    |  |
|      |             |         | 2,00           | 1,00  | 0,20  | 0,35    |        |          |      | 0,14    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 3,22  | 0,20  | 0,35    |        |          |      | 0,45    |  |
|      |             |         | 3,00           |       | 0,20  | 0,20    |        |          |      | 0,12    |  |
|      |             |         | 2,00           | 5,00  | 0,20  | 0,35    |        |          |      | 0,70    |  |
|      |             |         | 3,00           |       | 0,20  | 0,20    |        |          |      | 0,12    |  |
|      |             |         | 2,00           | 1,20  | 0,20  | 0,35    |        |          |      | 0,17    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 1,48  | 0,20  | 0,35    |        |          |      | 0,21    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 1,10  | 0,20  | 0,35    |        |          |      | 0,15    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 0,33  | 0,20  | 0,35    |        |          |      | 0,05    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 2,11  | 0,20  | 0,35    |        |          |      | 0,30    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 0,94  | 0,20  | 0,35    |        |          |      | 0,13    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 1,63  | 0,20  | 0,35    |        |          |      | 0,23    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 2,08  | 0,20  | 0,35    |        |          |      | 0,29    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 1,20  | 0,20  | 0,35    |        |          |      | 0,17    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 2,00  | 0,20  | 0,35    |        |          |      | 0,28    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 1,20  | 0,20  | 0,35    |        |          |      | 0,17    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 2,72  | 0,20  | 0,35    |        |          |      | 0,38    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 6,47  | 0,20  | 0,35    |        |          |      | 0,91    |  |
|      |             |         | 4,00           |       | 0,20  | 0,20    |        |          |      | 0,16    |  |
|      |             |         | 2,00           | 14,76 | 0,20  | 0,35    |        |          |      | 2,07    |  |
|      |             |         | 6,00           |       | 0,20  | 0,20    |        |          |      | 0,24    |  |
|      |             |         | 2,00           | 1,10  | 0,20  | 0,35    |        |          |      | 0,15    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 2,48  | 0,20  | 0,35    |        |          |      | 0,35    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 4,00  | 0,20  | 0,35    |        |          |      | 0,56    |  |
|      |             |         | 3,00           |       | 0,20  | 0,20    |        |          |      | 0,12    |  |
|      |             |         | 2,00           | 4,42  | 0,20  | 0,35    |        |          |      | 0,62    |  |
|      |             |         | 3,00           |       | 0,20  | 0,20    |        |          |      | 0,12    |  |
|      |             |         | 2,00           | 2,09  | 0,20  | 0,35    |        |          |      | 0,29    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 31,72 | 0,20  | 0,35    |        |          |      | 4,44    |  |
|      |             |         | 12,00          |       | 0,20  | 0,20    |        |          |      | 0,48    |  |
|      | MANZANA B   | JIRON F | 2,00           | 31,65 | 0,20  | 0,35    |        |          |      | 4,43    |  |
|      |             |         | 12,00          |       | 0,20  | 0,20    |        |          |      | 0,48    |  |
|      |             |         |                |       |       |         |        |          |      | 0,00    |  |
|      | MANZANA C   | JIRON F | 2,00           | 16,78 | 0,20  | 0,35    |        |          |      | 2,35    |  |
|      |             |         | 7,00           |       | 0,20  | 0,20    |        |          |      | 0,28    |  |
|      |             |         | 2,00           | 1,40  | 0,20  | 0,35    |        |          |      | 0,20    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 1,20  | 0,20  | 0,35    |        |          |      | 0,17    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      |             |         | 2,00           | 11,95 | 0,20  | 0,35    |        |          |      | 1,67    |  |
|      |             |         | 5,00           |       | 0,20  | 0,20    |        |          |      | 0,20    |  |
|      |             |         | 2,00           | 9,00  | 0,20  | 0,35    |        |          |      | 1,26    |  |
|      |             |         | 5,00           |       | 0,20  | 0,20    |        |          |      | 0,20    |  |
|      |             |         | 2,00           | 36,41 | 0,20  | 0,35    |        |          |      | 5,10    |  |
|      |             |         | 14,00          |       | 0,20  | 0,20    |        |          |      | 0,56    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,14    |  |
|      |             |         | 2,00           |       | 0,20  | 0,20    |        |          |      | 0,08    |  |
|      | MANZANA H   | JIRON H | 2,00           | 22,51 | 0,20  | 0,35    |        |          |      | 3,15    |  |
|      |             |         | 9,00           |       | 0,20  | 0,20    |        |          |      | 0,36    |  |



MUNICIPALIDAD PROVINCIAL DE PIURA  
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 Atq. PBORO G. F. E.  
 Ing. GABRIEL RUIZ YESAM



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II

Propietario MUNICIPALIDAD PROVINCIAL DE PIURA

Lugar PIURA - PIURA - PIURA

| Item | Descripción | Und. | Elementos |        |       | Unidad | Metrado  |       |
|------|-------------|------|-----------|--------|-------|--------|----------|-------|
|      |             |      | Nº        | Largo  | Ancho |        | Longitud | Area  |
|      |             |      | 2.00      | 4.15   | 0.20  |        | 0.35     | 0.58  |
|      |             |      | 3.00      |        | 0.20  |        | 0.20     | 0.12  |
|      |             |      | 2.00      | 1.20   | 0.20  |        | 0.35     | 0.17  |
|      |             |      | 2.00      | 2.05   | 0.20  |        | 0.35     | 0.08  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      | JIRON G     |      | 2.00      | 13.96  | 0.20  |        | 0.35     | 1.95  |
|      |             |      | 6.00      |        | 0.20  |        | 0.20     | 0.24  |
|      |             |      | 2.00      | 23.15  | 0.20  |        | 0.35     | 3.24  |
|      | JIRON F     |      | 9.00      |        | 0.20  |        | 0.20     | 0.36  |
|      |             |      | 2.00      | 105.18 | 0.20  |        | 0.35     | 14.73 |
|      |             |      | 37.00     |        | 0.20  |        | 0.20     | 1.48  |
|      | MANZANA I   |      |           |        |       |        |          | 0.00  |
|      | JIRON H     |      | 2.00      | 40.24  | 0.20  |        | 0.35     | 5.63  |
|      |             |      | 15.00     |        | 0.20  |        | 0.20     | 0.60  |
|      | JIRON D     |      | 2.00      | 104.01 | 0.20  |        | 0.35     | 14.56 |
|      |             |      | 36.00     |        | 0.20  |        | 0.20     | 1.44  |
|      | JIRON G     |      | 2.00      | 40.29  | 0.20  |        | 0.35     | 5.64  |
|      |             |      | 15.00     |        | 0.20  |        | 0.20     | 0.60  |
|      | MANZANA D   |      |           |        |       |        |          | 0.00  |
|      | JIRON H     |      | 2.00      | 14.25  | 0.20  |        | 0.35     | 2.00  |
|      |             |      | 6.00      |        | 0.20  |        | 0.20     | 0.24  |
|      |             |      | 2.00      | 18.20  | 0.20  |        | 0.35     | 2.55  |
|      |             |      | 8.00      |        | 0.20  |        | 0.20     | 0.32  |
|      | JIRON D     |      | 2.00      | 17.94  | 0.20  |        | 0.35     | 2.51  |
|      |             |      | 7.00      |        | 0.20  |        | 0.20     | 0.28  |
|      |             |      | 2.00      | 4.09   | 0.20  |        | 0.35     | 0.57  |
|      |             |      | 3.00      |        | 0.20  |        | 0.20     | 0.12  |
|      |             |      | 2.00      | 1.20   | 0.20  |        | 0.35     | 0.17  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 5.30   | 0.20  |        | 0.35     | 0.74  |
|      |             |      | 3.00      |        | 0.20  |        | 0.20     | 0.12  |
|      |             |      | 2.00      | 1.20   | 0.20  |        | 0.35     | 0.17  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 2.02   | 0.20  |        | 0.35     | 0.28  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 13.93  | 0.20  |        | 0.35     | 1.95  |
|      |             |      | 6.00      |        | 0.20  |        | 0.20     | 0.24  |
|      |             |      | 2.00      | 1.71   | 0.20  |        | 0.35     | 0.24  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 8.00   | 0.20  |        | 0.35     | 1.12  |
|      |             |      | 4.00      |        | 0.20  |        | 0.20     | 0.16  |
|      |             |      | 2.00      | 1.80   | 0.20  |        | 0.35     | 0.25  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 4.21   | 0.20  |        | 0.35     | 0.59  |
|      |             |      | 3.00      |        | 0.20  |        | 0.20     | 0.12  |
|      |             |      | 2.00      | 19.25  | 0.20  |        | 0.35     | 2.70  |
|      |             |      | 8.00      |        | 0.20  |        | 0.20     | 0.32  |
|      |             |      | 2.00      | 7.45   | 0.20  |        | 0.35     | 1.04  |
|      |             |      | 4.00      |        | 0.20  |        | 0.20     | 0.16  |
|      |             |      | 2.00      | 8.16   | 0.20  |        | 0.35     | 1.14  |
|      |             |      | 4.00      |        | 0.20  |        | 0.20     | 0.16  |
|      |             |      | 2.00      | 15.20  | 0.20  |        | 0.35     | 2.13  |
|      |             |      | 7.00      |        | 0.20  |        | 0.20     | 0.28  |
|      | MANZANA E   |      |           |        |       |        |          | 0.00  |
|      | JIRON G     |      | 2.00      | 19.18  | 0.20  |        | 0.35     | 2.69  |
|      |             |      | 8.00      |        | 0.20  |        | 0.20     | 0.32  |
|      |             |      | 2.00      | 1.20   | 0.20  |        | 0.35     | 0.17  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 3.04   | 0.20  |        | 0.35     | 0.43  |
|      |             |      | 3.00      |        | 0.20  |        | 0.20     | 0.12  |
|      |             |      | 2.00      | 9.90   | 0.20  |        | 0.35     | 1.39  |
|      |             |      | 5.00      |        | 0.20  |        | 0.20     | 0.20  |
|      |             |      | 2.00      | 2.52   | 0.20  |        | 0.35     | 0.35  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 1.20   | 0.20  |        | 0.35     | 0.17  |
|      |             |      | 2.00      |        | 0.20  |        | 0.20     | 0.08  |
|      |             |      | 2.00      | 6.10   | 0.20  |        | 0.35     | 0.85  |
|      |             |      | 4.00      |        | 0.20  |        | 0.20     | 0.16  |
|      |             |      | 2.00      | 7.02   | 0.20  |        | 0.35     | 0.98  |
|      |             |      | 4.00      |        | 0.20  |        | 0.20     | 0.16  |
|      |             |      | 2.00      | 3.32   | 0.20  |        | 0.35     | 0.46  |



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 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción   | Und. | Elementos |       |       | Unidad | Metrado  |       | Volumen |
|-------|---|------|-----------|-------|-------|--------|----------|-------|---------|
|       |   |      | Nº        | Largo | Ancho |        | Longitud | Area  |         |
| 05.04 | CONCRETO FC=210 KG/CM2 PARA SARDINELES INC. CURADOR | m3   |           |       |       |        |          |       | 95.61   |
|       | MANZANA A   |      |           |       |       |        |          |       |         |
|       | JIRON H   |      |           |       |       |        |          |       |         |
|       |   |      | 6.36      | 0.20  | 0.20  | 0.55   |          | 0.12  | 0.70    |
|       |   |      | 1.41      | 0.20  | 0.55  | 0.55   |          | 0.49  | 0.16    |
|       |   |      | 17.37     | 0.20  | 0.55  | 0.55   |          | 0.12  | 1.91    |
|       |   |      | 1.00      | 0.20  | 0.55  | 0.55   |          | 0.17  | 0.11    |
|       |   |      | 3.22      | 0.20  | 0.55  | 0.55   |          | 0.08  | 0.35    |
|       |   |      | 5.00      | 0.20  | 0.55  | 0.55   |          | 2.49  | 0.55    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.57  | 0.13    |
|       |   |      | 1.48      | 0.20  | 0.55  | 0.55   |          | 0.12  | 0.16    |
|       |   |      | 1.10      | 0.20  | 0.55  | 0.55   |          | 0.17  | 0.12    |
|       |   |      | 0.33      | 0.20  | 0.55  | 0.55   |          | 0.08  | 0.04    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.12  | 0.13    |
|       |   |      | 2.13      | 0.20  | 0.55  | 0.55   |          | 0.20  | 0.23    |
|       |   |      | 2.11      | 0.20  | 0.55  | 0.55   |          | 0.23  | 0.23    |
|       |   |      | 0.94      | 0.20  | 0.55  | 0.55   |          | 0.08  | 0.10    |
|       |   |      | 1.63      | 0.20  | 0.55  | 0.55   |          | 4.47  | 0.18    |
|       |   |      | 2.08      | 0.20  | 0.55  | 0.55   |          | 0.23  | 0.23    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.13  | 0.13    |
|       |   |      | 2.00      | 0.20  | 0.55  | 0.55   |          | 0.22  | 0.22    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.13  | 0.13    |
|       |   |      | 2.72      | 0.20  | 0.55  | 0.55   |          | 0.30  | 0.30    |
|       |   |      | 6.47      | 0.20  | 0.55  | 0.55   |          | 0.71  | 0.71    |
|       |   |      | 14.76     | 0.20  | 0.55  | 0.55   |          | 1.62  | 1.62    |
|       |   |      | 1.10      | 0.20  | 0.55  | 0.55   |          | 0.12  | 0.12    |
|       |   |      | 2.48      | 0.20  | 0.55  | 0.55   |          | 0.27  | 0.27    |
|       |   |      | 4.00      | 0.20  | 0.55  | 0.55   |          | 0.44  | 0.44    |
|       |   |      | 4.42      | 0.20  | 0.55  | 0.55   |          | 0.49  | 0.49    |
|       |   |      | 2.09      | 0.20  | 0.55  | 0.55   |          | 0.23  | 0.23    |
|       |   |      | 31.72     | 0.20  | 0.55  | 0.55   |          | 3.49  | 3.49    |
|       | JIRON F   |      |           |       |       |        |          |       |         |
|       | MANZANA B   |      |           |       |       |        |          |       |         |
|       | JIRON F   |      | 31.65     | 0.20  | 0.55  | 0.55   |          | 3.48  | 3.48    |
|       | MANZANA C   |      |           |       |       |        |          |       |         |
|       | JIRON F   |      | 16.78     | 0.20  | 0.55  | 0.55   |          | 1.85  | 1.85    |
|       |   |      | 1.40      | 0.20  | 0.55  | 0.55   |          | 0.15  | 0.15    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.13  | 0.13    |
|       |   |      | 11.95     | 0.20  | 0.55  | 0.55   |          | 1.31  | 1.31    |
|       |   |      | 9.00      | 0.20  | 0.55  | 0.55   |          | 0.99  | 0.99    |
|       |   |      | 36.41     | 0.20  | 0.55  | 0.55   |          | 4.01  | 4.01    |
|       |   |      | 22.51     | 0.20  | 0.55  | 0.55   |          | 0.11  | 0.11    |
|       | JIRON H   |      | 4.15      | 0.20  | 0.55  | 0.55   |          | 2.48  | 2.48    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.46  | 0.46    |
|       | JIRON G   |      | 2.05      | 0.20  | 0.55  | 0.55   |          | 0.23  | 0.23    |
|       |   |      | 13.96     | 0.20  | 0.55  | 0.55   |          | 1.54  | 1.54    |
|       |   |      | 23.15     | 0.20  | 0.55  | 0.55   |          | 2.55  | 2.55    |
|       | JIRON F   |      | 105.18    | 0.20  | 0.55  | 0.55   |          | 11.57 | 11.57   |
|       | MANZANA I   |      |           |       |       |        |          |       |         |
|       | JIRON H   |      | 40.24     | 0.20  | 0.55  | 0.55   |          | 0.11  | 0.11    |
|       | JIRON D   |      | 104.01    | 0.20  | 0.55  | 0.55   |          | 4.43  | 4.43    |
|       | JIRON G   |      | 40.29     | 0.20  | 0.55  | 0.55   |          | 11.44 | 11.44   |
|       |   |      |           | 0.20  | 0.55  | 0.55   |          | 4.43  | 4.43    |
|       | JIRON H   |      | 14.25     | 0.20  | 0.55  | 0.55   |          | 0.11  | 0.11    |
|       | JIRON D   |      | 18.20     | 0.20  | 0.55  | 0.55   |          | 1.57  | 1.57    |
|       |   |      | 17.94     | 0.20  | 0.55  | 0.55   |          | 2.00  | 2.00    |
|       |   |      | 4.09      | 0.20  | 0.55  | 0.55   |          | 1.97  | 1.97    |
|       |   |      | 1.20      | 0.20  | 0.55  | 0.55   |          | 0.45  | 0.45    |
|       |   |      | 6.53      | 0.20  | 0.55  | 0.55   |          | 0.13  | 0.13    |



MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
**Arq. PEDRO GALILEO RUIZ YESAN**  
 JEFE



PLANILLA DE METRADO

MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
FOLIO: \_\_\_\_\_

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item  | Descripción                                    | Und.           | Elementos |       |       | Unidad | Metrado |          |      |
|-------|--|----------------|-----------|-------|-------|--------|---------|----------|------|
|       |  |                | N°        | Largo | Ancho |        | Altura  | Longitud | Area |
|       |  |                |           | 5.90  | 0.20  | 0.55   |         |          | 0.65 |
|       |  |                |           | 1.20  | 0.20  | 0.55   |         |          | 0.13 |
|       |  |                |           | 5.30  | 0.20  | 0.55   |         |          | 0.58 |
|       |  |                |           | 1.20  | 0.20  | 0.55   |         |          | 0.13 |
|       |  |                |           | 2.02  | 0.20  | 0.55   |         |          | 0.22 |
|       |  |                |           | 13.93 | 0.20  | 0.55   |         |          | 1.53 |
|       |  |                |           | 1.71  | 0.20  | 0.55   |         |          | 0.19 |
|       |  |                |           | 8.00  | 0.20  | 0.55   |         |          | 0.88 |
|       |  |                |           | 1.80  | 0.20  | 0.55   |         |          | 0.20 |
|       |  |                |           | 4.21  | 0.20  | 0.55   |         |          | 0.46 |
|       |  |                |           | 19.25 | 0.20  | 0.55   |         |          | 2.12 |
|       |  |                |           | 7.45  | 0.20  | 0.55   |         |          | 0.82 |
|       |  |                |           | 8.16  | 0.20  | 0.55   |         |          | 0.90 |
|       |  |                |           | 15.20 | 0.20  | 0.55   |         |          | 1.67 |
|       | MANZANA E                                      |                |           | 19.18 | 0.20  | 0.55   |         |          | 0.11 |
|       | JIRON G  |                |           | 1.20  | 0.20  | 0.55   |         |          | 2.11 |
|       |  |                |           | 3.04  | 0.20  | 0.55   |         |          | 0.13 |
|       |  |                |           | 9.90  | 0.20  | 0.55   |         |          | 0.33 |
|       |  |                |           | 2.52  | 0.20  | 0.55   |         |          | 1.09 |
|       |  |                |           | 6.10  | 0.20  | 0.55   |         |          | 0.28 |
|       |  |                |           | 7.02  | 0.20  | 0.55   |         |          | 0.13 |
|       |  |                |           | 3.32  | 0.20  | 0.55   |         |          | 0.67 |
|       |  |                |           | 3.51  | 0.20  | 0.55   |         |          | 0.77 |
|       |  |                |           | 1.20  | 0.20  | 0.55   |         |          | 0.39 |
|       |  |                |           | 17.81 | 0.20  | 0.55   |         |          | 0.13 |
|       |  |                |           | 4.06  | 0.20  | 0.55   |         |          | 1.96 |
|       |  |                |           | 1.20  | 0.20  | 0.55   |         |          | 0.45 |
|       |  |                |           | 4.22  | 0.20  | 0.55   |         |          | 0.13 |
|       |  |                |           | 1.40  | 0.20  | 0.55   |         |          | 0.46 |
|       | JIRON D  |                |           | 31.94 | 0.20  | 0.55   |         |          | 0.15 |
| 05.05 | JUNTA EN SARIDINELES CON MATERIAL ELASTOMERICO | m              |           |       |       |        |         |          | 3.51 |
|       | MANZANA A                                      | De plano PP-01 |           |       |       |        |         | 130.80   |      |
|       | JIRON H  |                | 3.00      | 6.36  | 1.20  | 0.40   |         | 1.20     |      |
|       |  |                | 1.00      | 1.41  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 6.00      | 17.37 | 0.40  | 0.40   |         | 2.40     |      |
|       |  |                | 1.00      | 1.00  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 2.00      | 3.22  | 0.40  | 0.40   |         | 0.80     |      |
|       |  |                | 1.00      | 1.20  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.48  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.10  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 0.33  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.20  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.13  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.11  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 0.94  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.63  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.08  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.20  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.00  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.20  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.72  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 3.00      | 6.47  | 0.40  | 0.40   |         | 1.20     |      |
|       |  |                | 5.00      | 14.76 | 0.40  | 0.40   |         | 2.00     |      |
|       |  |                | 1.00      | 1.10  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.48  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 2.00      | 4.00  | 0.40  | 0.40   |         | 0.80     |      |
|       |  |                | 2.00      | 4.42  | 0.40  | 0.40   |         | 0.80     |      |
|       |  |                | 1.00      | 2.09  | 0.40  | 0.40   |         | 0.40     |      |
|       | JIRON F  |                | 11.00     | 31.72 | 0.40  | 0.40   |         | 4.40     |      |
|       | MANZANA B                                      |                |           |       |       |        |         |          |      |
|       | JIRON F  |                | 11.00     | 31.65 | 0.40  | 0.40   |         | 4.40     |      |
|       | MANZANA C                                      |                |           |       |       |        |         |          |      |
|       | JIRON F  |                | 6.00      | 16.78 | 0.40  | 0.40   |         | 2.40     |      |
|       |  |                | 1.00      | 1.40  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 1.20  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 4.00      | 11.95 | 0.40  | 0.40   |         | 1.60     |      |
|       |  |                | 4.00      | 9.00  | 0.40  | 0.40   |         | 1.60     |      |
|       |  |                | 13.00     | 36.41 | 0.40  | 0.40   |         | 5.20     |      |
|       | MANZANA H                                      |                | 1.00      | 22.51 | 0.40  | 0.40   |         | 0.40     |      |
|       | JIRON H  |                | 2.00      | 4.15  | 0.40  | 0.40   |         | 0.80     |      |
|       |  |                | 1.00      | 1.20  | 0.40  | 0.40   |         | 0.40     |      |
|       |  |                | 1.00      | 2.05  | 0.40  | 0.40   |         | 0.40     |      |
|       | JIRON G  |                | 5.00      | 13.96 | 0.40  | 0.40   |         | 2.00     |      |



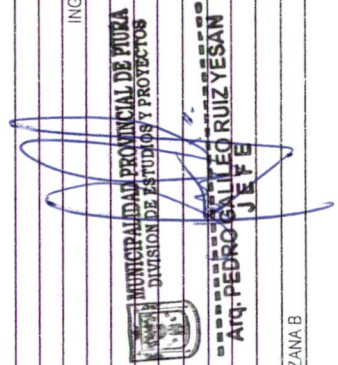
MANZANA H  
MUNICIPALIDAD PROVINCIAL DE PIURA  
DIVISION DE ESTUDIOS Y PROYECTOS  
Atq. PEDRO GUILLE RUIZ YESAN  
VEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item | Descripción                              | Und.           | Elementos |        |       | Metrado |        |          |      |         |        |
|------|--|----------------|-----------|--------|-------|---------|--------|----------|------|---------|--------|
|      |  |                | N°        | Largo  | Ancho | Altura  | Unidad | Longitud | Area | Volumen |        |
|      | JIRON F                                  |                | 8,00      | 23,15  |       | 0,40    |        | 3,20     |      |         |        |
|      | MANZANA I                                |                | 36,00     | 105,18 |       | 0,40    |        | 14,40    |      |         |        |
|      | JIRON H                                  |                | 1,00      |        |       | 0,40    |        | 0,40     |      |         |        |
|      | JIRON D                                  |                | 14,00     | 40,24  |       | 0,40    |        | 5,60     |      |         |        |
|      | JIRON G                                  |                | 35,00     | 104,01 |       | 0,40    |        | 14,00    |      |         |        |
|      | MANZANA D                                |                | 14,00     | 40,29  |       | 0,40    |        | 5,60     |      |         |        |
|      | JIRON H                                  |                | 1,00      |        |       | 0,40    |        | 0,40     |      |         |        |
|      | JIRON H                                  |                | 5,00      | 14,25  |       | 0,40    |        | 2,00     |      |         |        |
|      | JIRON D                                  |                | 7,00      | 18,20  |       | 0,40    |        | 2,80     |      |         |        |
|      | JIRON D                                  |                | 6,00      | 17,94  |       | 0,40    |        | 2,40     |      |         |        |
|      |  |                | 2,00      | 4,09   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 3,00      | 6,53   |       | 0,40    |        | 1,20     |      |         |        |
|      |  |                | 2,00      | 5,90   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 2,00      | 5,30   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 1,00      | 2,02   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 5,00      | 13,93  |       | 0,40    |        | 2,00     |      |         |        |
|      |  |                | 1,00      | 1,71   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 3,00      | 8,00   |       | 0,40    |        | 1,20     |      |         |        |
|      |  |                | 1,00      | 1,80   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 2,00      | 4,21   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 7,00      | 19,25  |       | 0,40    |        | 2,80     |      |         |        |
|      |  |                | 3,00      | 7,45   |       | 0,40    |        | 1,20     |      |         |        |
|      |  |                | 3,00      | 8,16   |       | 0,40    |        | 1,20     |      |         |        |
|      |  |                | 6,00      | 15,20  |       | 0,40    |        | 2,40     |      |         |        |
|      | MANZANA E                                |                |           |        |       |         |        |          |      |         |        |
|      | JIRON G                                  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 2,00      | 3,04   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 4,00      | 9,90   |       | 0,40    |        | 1,60     |      |         |        |
|      |  |                | 1,00      | 2,52   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 3,00      | 6,10   |       | 0,40    |        | 1,20     |      |         |        |
|      |  |                | 3,00      | 7,02   |       | 0,40    |        | 1,20     |      |         |        |
|      |  |                | 2,00      | 3,32   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 2,00      | 3,51   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 6,00      | 17,81  |       | 0,40    |        | 2,40     |      |         |        |
|      |  |                | 2,00      | 4,06   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 1,00      | 1,20   |       | 0,40    |        | 0,40     |      |         |        |
|      |  |                | 2,00      | 4,22   |       | 0,40    |        | 0,80     |      |         |        |
|      |  |                | 1,00      | 1,40   |       | 0,40    |        | 0,40     |      |         |        |
|      | JIRON D                                  |                | 11,00     | 31,94  |       | 0,40    |        | 4,40     |      |         |        |
|      | VEREDAS Y RAMPAS                         |                |           |        |       |         |        |          |      |         |        |
|      | EXCAVACION MANUAL BASE DE VEREDAS Y UNAS | m3             |           | AREA   |       |         |        |          |      |         | 566,06 |
|      | MANZANA A                                | De plano PP-01 |           | 676,41 | 1,00  | 0,10    |        | 676,41   |      |         | 67,64  |
|      | RAMPAS                                   |                |           |        |       |         |        |          |      |         |        |
|      | AV.B                                     |                | 1,00      | 2,42   | 1,00  | 0,10    |        | 2,42     |      |         | 0,24   |
|      | JR.C                                     |                | 1,00      | 2,35   | 1,00  | 0,10    |        | 2,35     |      |         | 0,24   |
|      | JR.H                                     |                | 1,00      | 2,34   | 1,00  | 0,10    |        | 2,34     |      |         | 0,23   |
|      | JR.F                                     |                | 1,00      | 2,35   | 1,00  | 0,10    |        | 2,35     |      |         | 0,24   |
|      |  |                | 2,00      | 2,07   | 1,00  | 0,10    |        | 4,14     |      |         | 0,41   |
|      |  |                | 4,00      | 2,08   | 1,00  | 0,10    |        | 8,32     |      |         | 0,83   |
|      |  |                | 1,00      | 2,02   | 1,00  | 0,10    |        | 2,02     |      |         | 0,20   |
|      |  |                | 1,00      | 2,07   | 1,00  | 0,10    |        | 2,07     |      |         | 0,21   |
|      | INGRESOS                                 |                |           |        |       |         |        |          |      |         |        |
|      | INGRESOS AVENIDA B                       |                |           |        |       |         |        |          |      |         |        |
|      |  |                |           | 7,27   | 1,00  | 0,10    |        | 7,27     |      |         | 0,73   |
|      |  |                |           | 3,02   | 1,00  | 0,10    |        | 3,02     |      |         | 0,30   |
|      |  |                | 8,00      | 1,44   | 1,00  | 0,10    |        | 11,52    |      |         | 1,15   |
|      |  |                |           | 5,74   | 1,00  | 0,10    |        | 5,74     |      |         | 0,57   |
|      |  |                |           | 18,98  | 1,00  | 0,10    |        | 18,98    |      |         | 1,90   |
|      |  |                |           | 2,37   | 1,00  | 0,10    |        | 2,37     |      |         | 0,24   |
|      |  |                |           | 7,09   | 1,00  | 0,10    |        | 7,09     |      |         | 0,71   |
|      |  |                |           | 7,06   | 1,00  | 0,10    |        | 7,06     |      |         | 0,71   |
|      |  |                |           | 2,35   | 1,00  | 0,10    |        | 2,35     |      |         | 0,24   |
|      |  |                |           | 6,23   | 1,00  | 0,10    |        | 6,23     |      |         | 0,62   |
|      | INGRESOS JR. H                           |                | 4,00      | 6,23   | 1,00  | 0,10    |        | 24,92    |      |         | 2,49   |
|      |  |                | 9,00      | 2,08   | 1,00  | 0,10    |        | 18,72    |      |         | 1,87   |
|      |  |                | 8,00      | 1,25   | 1,00  | 0,10    |        | 10,00    |      |         | 1,00   |
|      |  |                |           | 7,28   | 1,00  | 0,10    |        | 7,28     |      |         | 0,73   |
|      |  |                |           | 7,21   | 1,00  | 0,10    |        | 7,21     |      |         | 0,72   |
|      |  |                |           | 11,23  | 1,00  | 0,10    |        | 11,23    |      |         | 1,12   |
|      |  |                |           | 12,48  | 1,00  | 0,10    |        | 12,48    |      |         | 1,25   |
|      |  |                |           | 16,54  | 1,00  | 0,10    |        | 16,54    |      |         | 1,65   |
|      |  |                |           | 8,30   | 1,00  | 0,10    |        | 8,30     |      |         | 0,83   |
|      | MANZANA B                                |                |           | 171,44 | 1,00  | 0,10    |        | 171,44   |      |         | 17,14  |





PLANILLA DE METRADO

FOLIO:

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item | Descripción | Und.               | Elementos |        |       |        | Metrado |          |        |         |
|------|-------------|--------------------|-----------|--------|-------|--------|---------|----------|--------|---------|
|      |             |                    | N°        | Largo  | Ancho | Altura | Unidad  | Longitud | Area   | Volumen |
|      | RAMPAS      |                    |           |        |       | 0.10   |         |          | 0.00   |         |
|      |             | AV.B               | 1.00      | 2.29   | 1.00  | 0.10   |         |          | 2.29   | 0.23    |
|      |             | JR F               | 1.00      | 2.08   | 1.00  | 0.10   |         |          | 2.08   | 0.21    |
|      |             |                    | 1.00      | 2.14   | 1.00  | 0.10   |         |          | 2.14   | 0.21    |
|      |             | JR H               | 1.00      | 1.99   | 1.00  | 0.10   |         |          | 1.99   | 0.20    |
|      |             |                    | 1.00      | 2.53   | 1.00  | 0.10   |         |          | 2.53   | 0.25    |
|      | INGRESOS    |                    |           |        |       |        |         |          |        |         |
|      |             | INGRESOS AVENIDA B |           | 2.15   | 1.00  | 0.10   |         |          | 2.15   | 0.22    |
|      |             |                    |           | 16.47  | 1.00  | 0.10   |         |          | 16.47  | 1.65    |
|      |             | INGRESOS JIRON H   |           | 1.42   | 1.00  | 0.10   |         |          | 1.42   | 0.14    |
|      |             |                    |           | 1.41   | 1.00  | 0.10   |         |          | 1.41   | 0.14    |
|      |             |                    |           | 6.86   | 1.00  | 0.10   |         |          | 6.86   | 0.69    |
|      | MANZANA C   |                    |           | 289.06 | 1.00  | 0.10   |         |          | 289.06 | 28.91   |
|      | RAMPAS      |                    |           |        |       | 0.10   |         |          | 0.00   |         |
|      |             | JR H               | 1.00      | 1.72   | 1.00  | 0.10   |         |          | 1.72   | 0.17    |
|      |             |                    | 1.00      | 2.32   | 1.00  | 0.10   |         |          | 2.32   | 0.23    |
|      |             | JR F               | 1.00      | 2.13   | 1.00  | 0.10   |         |          | 2.13   | 0.21    |
|      |             |                    | 1.00      | 2.17   | 1.00  | 0.10   |         |          | 2.17   | 0.22    |
|      |             | JR G               | 1.00      | 2.05   | 1.00  | 0.10   |         |          | 2.05   | 0.21    |
|      |             |                    | 1.00      | 1.94   | 1.00  | 0.10   |         |          | 1.94   | 0.19    |
|      | INGRESOS    |                    |           |        |       |        |         |          |        |         |
|      |             | INGRESOS JIRON F   |           | 7.49   | 1.00  | 0.10   |         |          | 7.49   | 0.75    |
|      |             |                    |           | 1.28   | 1.00  | 0.10   |         |          | 1.28   | 0.13    |
|      |             |                    |           | 1.29   | 1.00  | 0.10   |         |          | 1.29   | 0.13    |
|      |             |                    |           | 2.15   | 1.00  | 0.10   |         |          | 2.15   | 0.22    |
|      |             |                    |           | 17.03  | 1.00  | 0.10   |         |          | 17.03  | 1.70    |
|      |             |                    |           | 6.48   | 1.00  | 0.10   |         |          | 6.48   | 0.65    |
|      | MANZANA H   |                    |           | 441.94 | 1.00  | 0.10   |         |          | 441.94 | 44.19   |
|      | RAMPAS      |                    |           |        |       | 0.10   |         |          | 0.00   |         |
|      |             | JR H               | 1.00      | 2.11   | 1.00  | 0.10   |         |          | 2.11   | 0.21    |
|      |             |                    | 1.00      | 2.07   | 1.00  | 0.10   |         |          | 2.07   | 0.21    |
|      |             | JR E               | 1.00      | 2.13   | 1.00  | 0.10   |         |          | 2.13   | 0.21    |
|      |             |                    | 1.00      | 2.17   | 1.00  | 0.10   |         |          | 2.17   | 0.22    |
|      |             | JR G               | 1.00      | 2.02   | 1.00  | 0.10   |         |          | 2.02   | 0.20    |
|      |             |                    | 1.00      | 2.11   | 1.00  | 0.10   |         |          | 2.11   | 0.21    |
|      |             | JR F               | 1.00      | 2.17   | 1.00  | 0.10   |         |          | 2.17   | 0.22    |
|      |             |                    | 1.00      | 2.02   | 1.00  | 0.10   |         |          | 2.02   | 0.20    |
|      | INGRESOS    |                    |           |        |       |        |         |          |        |         |
|      |             | INGRESO JIRON H    |           | 10.42  | 1.00  | 0.10   |         |          | 10.42  | 1.04    |
|      |             |                    |           | 8.32   | 1.00  | 0.10   |         |          | 8.32   | 0.83    |
|      |             |                    | 2.00      | 1.24   | 1.00  | 0.10   |         |          | 2.48   | 0.25    |
|      |             | INGRESO JIRON G    |           | 6.17   | 1.00  | 0.10   |         |          | 6.17   | 0.62    |
|      | MANZANA I   |                    |           | 442.72 | 1.00  | 0.10   |         |          | 442.72 | 44.27   |
|      | RAMPAS      |                    |           |        |       | 0.10   |         |          | 0.00   |         |
|      |             | JR H               | 1.00      | 2.28   | 1.00  | 0.10   |         |          | 2.28   | 0.23    |
|      |             |                    | 1.00      | 2.08   | 1.00  | 0.10   |         |          | 2.08   | 0.21    |
|      |             | JR D               | 1.00      | 2.05   | 1.00  | 0.10   |         |          | 2.05   | 0.21    |
|      |             |                    | 1.00      | 2.10   | 1.00  | 0.10   |         |          | 2.10   | 0.21    |
|      |             | JR G               | 1.00      | 2.09   | 1.00  | 0.10   |         |          | 2.09   | 0.21    |
|      |             |                    | 1.00      | 2.04   | 1.00  | 0.10   |         |          | 2.04   | 0.20    |
|      |             | JR E               | 1.00      | 2.16   | 1.00  | 0.10   |         |          | 2.16   | 0.22    |
|      |             |                    | 1.00      | 2.13   | 1.00  | 0.10   |         |          | 2.13   | 0.21    |
|      | MANZANA D   |                    |           | 728.12 | 1.00  | 0.10   |         |          | 728.12 | 72.81   |
|      | RAMPAS      |                    |           |        |       | 0.10   |         |          | 0.00   |         |
|      |             | JR H               | 1.00      | 2.01   | 1.00  | 0.10   |         |          | 2.01   | 0.20    |
|      |             |                    | 1.00      | 2.09   | 1.00  | 0.10   |         |          | 2.09   | 0.21    |
|      |             | JR C               | 2.00      | 2.35   | 1.00  | 0.10   |         |          | 4.70   | 0.47    |
|      |             | AV. A              | 2.00      | 2.80   | 1.00  | 0.10   |         |          | 5.60   | 0.56    |
|      |             | JR D               | 1.00      | 2.15   | 1.00  | 0.10   |         |          | 2.15   | 0.22    |
|      |             |                    | 1.00      | 2.13   | 1.00  | 0.10   |         |          | 2.13   | 0.21    |
|      |             |                    | 1.00      | 2.12   | 1.00  | 0.10   |         |          | 2.12   | 0.21    |
|      |             |                    | 1.00      | 2.05   | 1.00  | 0.10   |         |          | 2.05   | 0.21    |
|      | INGRESOS    |                    |           |        |       |        |         |          |        |         |
|      |             | INGRESO JIRON H    |           | 2.05   | 1.00  | 0.10   |         |          | 2.05   | 0.21    |
|      |             | INGRESO JIRON C    | 10.00     | 7.05   | 1.00  | 0.10   |         |          | 70.50  | 7.05    |
|      |             |                    | 3.00      | 2.35   | 1.00  | 0.10   |         |          | 7.05   | 0.71    |
|      |             |                    | 2.00      | 14.10  | 1.00  | 0.10   |         |          | 28.20  | 2.82    |
|      |             | INGRESO AVENIDA A  |           | 8.40   | 1.00  | 0.10   |         |          | 8.40   | 0.84    |
|      |             | INGRESO JIRON D    |           | 2.14   | 1.00  | 0.10   |         |          | 2.14   | 0.21    |
|      |             |                    | 2.00      | 1.28   | 1.00  | 0.10   |         |          | 2.56   | 0.26    |
|      |             |                    | 4.00      | 1.27   | 1.00  | 0.10   |         |          | 5.08   | 0.51    |
|      |             |                    |           | 10.53  | 1.00  | 0.10   |         |          | 10.53  | 1.05    |
|      |             |                    |           | 2.74   | 1.00  | 0.10   |         |          | 2.74   | 0.27    |
|      |             |                    | 2.00      | 10.47  | 1.00  | 0.10   |         |          | 20.94  | 2.09    |
|      |             |                    |           | 10.43  | 1.00  | 0.10   |         |          | 10.43  | 1.04    |
|      |             |                    | 2.00      | 2.07   | 1.00  | 0.10   |         |          | 4.14   | 0.41    |
|      |             |                    |           | 2.06   | 1.00  | 0.10   |         |          | 2.06   | 0.21    |
|      | MANZANA E   |                    |           | 693.89 | 1.00  | 0.10   |         |          | 693.89 | 69.39   |



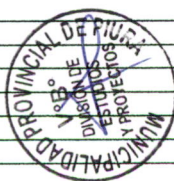
MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Arq. PEDRO GALILEO RUIZ YESAN  
 JEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item      | Descripción | Und. | Elementos            |       |       |        | Metrado |          |       |         |  |  |
|-----------|-------------|------|----------------------|-------|-------|--------|---------|----------|-------|---------|--|--|
|           |             |      | N°                   | Largo | Ancho | Altura | Unidad  | Longitud | Area  | Volumen |  |  |
| RAMPAS    |             | JR G | 2.00                 | 2.05  | 1.00  | 0.10   |         |          | 4.10  | 0.41    |  |  |
|           |             |      | 1.00                 | 2.06  | 1.00  | 0.10   |         |          | 2.06  | 0.21    |  |  |
|           |             |      | 1.00                 | 2.07  | 1.00  | 0.10   |         |          | 2.07  | 0.21    |  |  |
|           |             |      | 1.00                 | 2.08  | 1.00  | 0.10   |         |          | 2.08  | 0.21    |  |  |
|           |             | JR D | 1.00                 | 2.09  | 1.00  | 0.10   |         |          | 2.09  | 0.21    |  |  |
|           |             |      | 1.00                 | 2.19  | 1.00  | 0.10   |         |          | 2.19  | 0.22    |  |  |
|           |             |      | 1.00                 | 2.14  | 1.00  | 0.10   |         |          | 2.14  | 0.21    |  |  |
|           |             |      | 1.00                 | 2.26  | 1.00  | 0.10   |         |          | 2.26  | 0.23    |  |  |
|           |             | AV A | 1.00                 | 1.69  | 1.00  | 0.10   |         |          | 1.69  | 0.17    |  |  |
|           |             |      |                      |       |       |        |         |          |       |         |  |  |
|           |             |      |                      |       |       |        |         |          |       |         |  |  |
|           |             |      |                      |       |       |        |         |          |       |         |  |  |
| INGRESOS  |             | JR G | 8.00                 | 1.23  | 1.00  | 0.10   |         |          | 9.84  | 0.98    |  |  |
|           |             |      | 5.00                 | 2.05  | 1.00  | 0.10   |         |          | 10.25 | 1.03    |  |  |
|           |             |      | 2.00                 | 8.25  | 1.00  | 0.10   |         |          | 16.50 | 1.65    |  |  |
|           |             | AV A | 28.73                | 1.00  | 0.10  |        |         |          | 28.73 | 2.87    |  |  |
|           |             |      | 2.12                 | 1.00  | 0.10  |        |         |          | 2.12  | 0.21    |  |  |
|           |             |      | 6.31                 | 1.00  | 0.10  |        |         |          | 6.31  | 0.63    |  |  |
|           |             |      | 2.09                 | 1.00  | 0.10  |        |         |          | 2.09  | 0.21    |  |  |
|           |             |      | 2.00                 | 1.22  | 1.00  | 0.10   |         |          | 2.44  | 0.24    |  |  |
|           |             |      | 2.03                 | 1.00  | 0.10  |        |         |          | 2.03  | 0.20    |  |  |
|           |             |      | 5.72                 | 1.00  | 0.10  |        |         |          | 5.72  | 0.57    |  |  |
|           |             |      | 1.89                 | 1.00  | 0.10  |        |         |          | 1.89  | 0.19    |  |  |
|           |             |      | 2.00                 | 1.12  | 1.00  | 0.10   |         |          | 2.24  | 0.22    |  |  |
|           |             |      | 5.47                 | 1.00  | 0.10  |        |         |          | 5.47  | 0.55    |  |  |
|           |             |      | 2.00                 | 1.08  | 1.00  | 0.10   |         |          | 2.16  | 0.22    |  |  |
|           |             |      | 14.25                | 1.00  | 0.10  |        |         |          | 14.25 | 1.43    |  |  |
|           |             |      | UÑA VEREDAS - RAMPAS |       |       |        |         |          |       |         |  |  |
|           |             |      | VEREDAS              |       |       |        |         |          |       |         |  |  |
|           |             |      | MANZANA A            |       |       |        |         |          |       |         |  |  |
|           | AV B        | MART | 17.01                | 0.225 | 0.45  |        |         |          | 1.72  |         |  |  |
|           |             | VER  | 151.70               | 0.225 | 0.25  |        |         |          | 8.53  |         |  |  |
|           |             | MART | 18.60                | 0.225 | 0.45  |        |         |          | 1.88  |         |  |  |
|           | JR C        | VER  | 31.87                | 0.225 | 0.25  |        |         |          | 1.79  |         |  |  |
|           | JR H        | MART | 15.35                | 0.225 | 0.45  |        |         |          | 1.55  |         |  |  |
|           |             | VER  | 154.85               | 0.225 | 0.25  |        |         |          | 8.71  |         |  |  |
|           |             | MART | 13.67                | 0.225 | 0.45  |        |         |          | 1.38  |         |  |  |
|           | JR F        | VER  | 33.72                | 0.225 | 0.25  |        |         |          | 1.90  |         |  |  |
| MANZANA B |             |      |                      |       |       |        |         |          | 0.00  |         |  |  |
|           | AV B        | VER  | 15.44                | 0.225 | 0.25  |        |         |          | 0.87  |         |  |  |
|           |             | MART | 16.86                | 0.225 | 0.45  |        |         |          | 1.71  |         |  |  |
|           | JR F        | VER  | 33.65                | 0.225 | 0.25  |        |         |          | 1.89  |         |  |  |
|           | JR H        | MART | 13.62                | 0.225 | 0.45  |        |         |          | 1.38  |         |  |  |
|           |             | VER  | 17.82                | 0.225 | 0.25  |        |         |          | 1.00  |         |  |  |
|           |             | VER  | 23.86                | 0.225 | 0.25  |        |         |          | 1.34  |         |  |  |
| MANZANA C |             |      |                      |       |       |        |         |          | 0.00  |         |  |  |
|           | JR H        | MART | 11.36                | 0.225 | 0.45  |        |         |          | 1.15  |         |  |  |
|           |             | VER  | 17.41                | 0.225 | 0.25  |        |         |          | 0.98  |         |  |  |
|           |             | VER  | 20.13                | 0.225 | 0.25  |        |         |          | 1.13  |         |  |  |
|           |             | MART | 13.79                | 0.225 | 0.45  |        |         |          | 1.40  |         |  |  |
|           | JR F        | VER  | 107.19               | 0.225 | 0.25  |        |         |          | 6.03  |         |  |  |
|           | JR G        | MART | 13.68                | 0.225 | 0.45  |        |         |          | 1.39  |         |  |  |
|           |             | VER  | 36.84                | 0.225 | 0.25  |        |         |          | 2.07  |         |  |  |
|           |             | MART | 13.36                | 0.225 | 0.45  |        |         |          | 1.35  |         |  |  |
| MANZANA H |             |      |                      |       |       |        |         |          | 0.00  |         |  |  |
|           | JR H        | MART | 13.41                | 0.225 | 0.45  |        |         |          | 1.36  |         |  |  |
|           |             | VER  | 42.11                | 0.225 | 0.25  |        |         |          | 2.37  |         |  |  |
|           |             | MART | 13.59                | 0.225 | 0.45  |        |         |          | 1.38  |         |  |  |
|           | JR E        | VER  | 106.87               | 0.225 | 0.25  |        |         |          | 6.01  |         |  |  |
|           | JR G        | MART | 13.65                | 0.225 | 0.45  |        |         |          | 1.38  |         |  |  |
|           |             | VER  | 42.11                | 0.225 | 0.25  |        |         |          | 2.37  |         |  |  |
|           |             | MART | 13.68                | 0.225 | 0.45  |        |         |          | 1.39  |         |  |  |
|           | JR F        | VER  | 107.18               | 0.225 | 0.25  |        |         |          | 6.03  |         |  |  |
| MANZANA I |             |      |                      |       |       |        |         |          | 0.00  |         |  |  |
|           | JR H        | MART | 13.85                | 0.225 | 0.45  |        |         |          | 1.40  |         |  |  |
|           |             | VER  | 42.23                | 0.225 | 0.25  |        |         |          | 2.38  |         |  |  |
|           |             | MART | 14.18                | 0.225 | 0.45  |        |         |          | 1.44  |         |  |  |
|           | JR E        | VER  | 106.01               | 0.225 | 0.25  |        |         |          | 5.96  |         |  |  |
|           | JR G        | MART | 13.70                | 0.225 | 0.45  |        |         |          | 1.39  |         |  |  |
|           |             | VER  | 42.23                | 0.225 | 0.25  |        |         |          | 2.38  |         |  |  |
|           |             | MART | 13.23                | 0.225 | 0.45  |        |         |          | 1.34  |         |  |  |
|           | JR F        | VER  | 107.01               | 0.225 | 0.25  |        |         |          | 6.02  |         |  |  |
| MANZANA D |             |      |                      |       |       |        |         |          | 0.00  |         |  |  |
|           | JR H        | MART | 14.22                | 0.225 | 0.45  |        |         |          | 1.44  |         |  |  |
|           |             | VER  | 35.45                | 0.225 | 0.25  |        |         |          | 1.99  |         |  |  |
|           |             | MART | 15.18                | 0.225 | 0.45  |        |         |          | 1.54  |         |  |  |
|           | JR C        | VER  | 155.07               | 0.225 | 0.25  |        |         |          | 8.72  |         |  |  |
|           | AV A        | MART | 23.76                | 0.225 | 0.45  |        |         |          | 2.41  |         |  |  |
|           |             | VER  | 28.26                | 0.225 | 0.25  |        |         |          | 1.59  |         |  |  |



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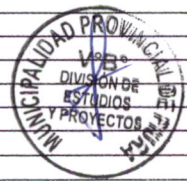


PLANILLA DE METRADO

FOLIO: \_\_\_\_\_

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción  | Und.      | Elementos |        |       | Metrado |        |          |          |         |
|-------|--|-----------|-----------|--------|-------|---------|--------|----------|----------|---------|
|       |  |           | Nº        | Largo  | Ancho | Altura  | Unidad | Longitud | Area     | Volumen |
|       |  | MART      |           | 18.45  | 0.225 | 0.45    |        |          |          | 1.87    |
|       |  | JR D VER  |           | 157.96 | 0.225 | 0.25    |        |          |          | 8.89    |
|       | MANZANA E  |           |           |        |       |         |        |          |          | 0.00    |
|       |  | JR G MART |           | 12.31  | 0.225 | 0.45    |        |          |          | 1.25    |
|       |  | VER       |           | 157.75 | 0.225 | 0.25    |        |          |          | 8.87    |
|       |  | MART      |           | 13.76  | 0.225 | 0.45    |        |          |          | 1.39    |
|       |  | JR D VER  |           | 33.94  | 0.225 | 0.25    |        |          |          | 1.91    |
|       |  | AV A MART |           | 19.21  | 0.225 | 0.45    |        |          |          | 1.95    |
|       |  | VER       |           | 153.99 | 0.225 | 0.25    |        |          |          | 8.66    |
|       |  | MART      |           | 12.56  | 0.225 | 0.45    |        |          |          | 1.27    |
|       | RAMPAS   |           |           |        |       |         |        |          |          |         |
|       | MANZANA A  |           | 12.00     | 1.00   | 0.225 | 0.25    |        |          |          | 0.68    |
|       | MANZANA B  |           | 5.00      | 1.00   | 0.225 | 0.25    |        |          |          | 0.28    |
|       | MANZANA C  |           | 6.00      | 1.00   | 0.225 | 0.25    |        |          |          | 0.34    |
|       | MANZANA H  |           | 8.00      | 1.00   | 0.225 | 0.25    |        |          |          | 0.45    |
|       | MANZANA I  |           | 8.00      | 1.00   | 0.225 | 0.25    |        |          |          | 0.45    |
|       | MANZANA D  |           | 10.00     | 1.00   | 0.225 | 0.25    |        |          |          | 0.56    |
|       | MANZANA E  |           | 10.00     | 1.00   | 0.225 | 0.25    |        |          |          | 0.56    |
| 06.02 | PERFILADO Y COMPACTACION DE LA SUBRASANTE PARA VEREDAS | m2        |           |        |       |         |        |          | 4,132.57 |         |
|       | BASE GRANULAR E=0.10 m. COMPACTADA CON EQUIPO LIVIANO  | m2        |           |        |       |         |        |          | 4,132.57 |         |
|       | PERFILADO Y COMPACTACION DE LA SUBRASANTE PARA         |           |           |        |       |         |        |          | 4,132.57 |         |
| 06.04 | ELIMINACION DE MATERIAL DE CORTE C/EQUIPO Dprom =12KM. | m3        | F.E.      |        |       |         |        |          |          | 707.58  |
|       | EXCAVACION MANUAL BASE DE VEREDAS Y UNAS               |           | 1.25      | 566.06 |       |         |        |          |          | 707.58  |
| 06.05 | ENCOFRADO Y DESENCOFRADO NORMAL EN VEREDAS             | m2        |           |        |       |         |        |          | 490.14   |         |
|       | VEREDAS Y MARTILLO                                     |           |           |        |       |         |        |          |          |         |
|       | MANZANA A  |           |           |        |       |         |        |          |          |         |
|       |  | AV B MART |           | 17.01  |       | 0.35    |        |          |          | 5.95    |
|       |  | VER       |           | 151.70 |       | 0.10    |        |          |          | 15.17   |
|       |  | MART      |           | 18.60  |       | 0.35    |        |          |          | 6.51    |
|       |  | JR C VER  |           | 31.87  |       | 0.10    |        |          |          | 3.19    |
|       |  | JR H MART |           | 15.35  |       | 0.35    |        |          |          | 5.37    |
|       |  | VER       |           | 154.85 |       | 0.10    |        |          |          | 15.49   |
|       |  | MART      |           | 13.67  |       | 0.35    |        |          |          | 4.78    |
|       |  | JR F VER  |           | 33.72  |       | 0.10    |        |          |          | 3.37    |
|       | MANZANA B  |           |           |        |       |         |        |          |          | 0.00    |
|       |  | AV B VER  |           | 15.44  |       | 0.10    |        |          |          | 1.54    |
|       |  | MART      |           | 16.86  |       | 0.35    |        |          |          | 5.90    |
|       |  | JR F VER  |           | 33.65  |       | 0.10    |        |          |          | 3.37    |
|       |  | JR H MART |           | 13.62  |       | 0.35    |        |          |          | 4.77    |
|       |  | VER       |           | 17.82  |       | 0.10    |        |          |          | 1.78    |
|       |  | VER       |           | 23.86  |       | 0.10    |        |          |          | 2.39    |
|       | MANZANA C  |           |           |        |       |         |        |          |          | 0.00    |
|       |  | JR H MART |           | 11.36  |       | 0.35    |        |          |          | 3.98    |
|       |  | VER       |           | 17.41  |       | 0.10    |        |          |          | 1.74    |
|       |  | VER       |           | 20.13  |       | 0.10    |        |          |          | 2.01    |
|       |  | MART      |           | 13.79  |       | 0.35    |        |          |          | 4.83    |
|       |  | JR F VER  |           | 107.19 |       | 0.10    |        |          |          | 10.72   |
|       |  | JR G MART |           | 13.68  |       | 0.35    |        |          |          | 4.79    |
|       |  | VER       |           | 36.84  |       | 0.10    |        |          |          | 3.68    |
|       |  | MART      |           | 13.36  |       | 0.35    |        |          |          | 4.68    |
|       | MANZANA H  |           |           |        |       |         |        |          |          | 0.00    |
|       |  | JR H MART |           | 13.41  |       | 0.35    |        |          |          | 4.69    |
|       |  | VER       |           | 42.11  |       | 0.10    |        |          |          | 4.21    |
|       |  | MART      |           | 13.59  |       | 0.35    |        |          |          | 4.76    |
|       |  | JR E VER  |           | 106.87 |       | 0.10    |        |          |          | 10.69   |
|       |  | JR G MART |           | 13.65  |       | 0.35    |        |          |          | 4.78    |
|       |  | VER       |           | 42.11  |       | 0.10    |        |          |          | 4.21    |
|       |  | MART      |           | 13.68  |       | 0.35    |        |          |          | 4.79    |
|       |  | JR F VER  |           | 107.18 |       | 0.10    |        |          |          | 10.72   |
|       | MANZANA I  |           |           |        |       |         |        |          |          | 0.00    |
|       |  | JR H MART |           | 13.85  |       | 0.35    |        |          |          | 4.85    |
|       |  | VER       |           | 42.23  |       | 0.10    |        |          |          | 4.22    |
|       |  | MART      |           | 14.18  |       | 0.35    |        |          |          | 4.96    |
|       |  | JR E VER  |           | 106.01 |       | 0.10    |        |          |          | 10.60   |
|       |  | JR G MART |           | 13.70  |       | 0.35    |        |          |          | 4.80    |
|       |  | VER       |           | 42.23  |       | 0.10    |        |          |          | 4.22    |
|       |  | MART      |           | 13.23  |       | 0.35    |        |          |          | 4.63    |
|       |  | JR F VER  |           | 107.01 |       | 0.10    |        |          |          | 10.70   |
|       | MANZANA D  |           |           |        |       |         |        |          |          | 0.00    |
|       |  | JR H MART |           | 14.22  |       | 0.35    |        |          |          | 4.98    |
|       |  | VER       |           | 35.45  |       | 0.10    |        |          |          | 3.55    |
|       |  | MART      |           | 15.18  |       | 0.35    |        |          |          | 5.31    |
|       |  | JR C VER  |           | 155.07 |       | 0.10    |        |          |          | 15.51   |
|       |  | AV A MART |           | 23.76  |       | 0.35    |        |          |          | 8.32    |



MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Arq. PEDRO GALILEO RUIZ YESAN  
 JEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item      | Descripción | Und. | Elementos |        |       | Metrado |        |          |       |
|-----------|-------------|------|-----------|--------|-------|---------|--------|----------|-------|
|           |             |      | Nº        | Largo  | Ancho | Altura  | Unidad | Longitud | Area  |
|           |             | VER  |           | 28.26  |       |         | 0.10   |          | 2.83  |
|           |             | MART |           | 18.45  |       |         | 0.35   |          | 6.46  |
|           |             | JR D |           | 157.96 |       |         | 0.10   |          | 15.80 |
| MANZANA E |             |      |           |        |       |         |        |          | 0.00  |
|           |             | JR G |           | 12.31  |       |         | 0.35   |          | 4.31  |
|           |             | VER  |           | 157.75 |       |         | 0.10   |          | 15.78 |
|           |             | MART |           | 13.76  |       |         | 0.35   |          | 4.82  |
|           |             | JR D |           | 33.94  |       |         | 0.10   |          | 3.39  |
|           |             | AV A |           | 19.21  |       |         | 0.35   |          | 6.72  |
|           |             | VER  |           | 153.99 |       |         | 0.10   |          | 15.40 |
|           |             | MART |           | 12.56  |       |         | 0.35   |          | 4.40  |
| RAMPAS    |             |      |           |        |       |         |        |          |       |
| MANZANA A |             |      |           |        |       |         |        |          |       |
|           |             | AV B | 1.00      | 2.42   |       |         | 0.10   |          | 0.24  |
|           |             |      | 1.00      | 2.35   |       |         | 0.10   |          | 0.24  |
|           |             | JR C | 1.00      | 2.34   |       |         | 0.10   |          | 0.23  |
|           |             |      | 1.00      | 2.35   |       |         | 0.10   |          | 0.24  |
|           |             | JR H | 2.00      | 2.07   |       |         | 0.10   |          | 0.41  |
|           |             |      | 4.00      | 2.08   |       |         | 0.10   |          | 0.83  |
|           |             | JR F | 1.00      | 2.02   |       |         | 0.10   |          | 0.20  |
|           |             |      | 1.00      | 2.07   |       |         | 0.10   |          | 0.21  |
| MANZANA B |             |      |           |        |       |         |        |          |       |
|           |             | AV B | 1.00      | 2.29   |       |         | 0.10   |          | 0.23  |
|           |             | JR F | 1.00      | 2.08   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.14   |       |         | 0.10   |          | 0.21  |
|           |             | JR H | 1.00      | 1.99   |       |         | 0.10   |          | 0.20  |
|           |             |      | 1.00      | 2.53   |       |         | 0.10   |          | 0.25  |
| MANZANA C |             |      |           |        |       |         |        |          |       |
|           |             | JR H | 1.00      | 1.72   |       |         | 0.10   |          | 0.17  |
|           |             |      | 1.00      | 2.32   |       |         | 0.10   |          | 0.23  |
|           |             | JR F | 1.00      | 2.13   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.17   |       |         | 0.10   |          | 0.22  |
|           |             | JR G | 1.00      | 2.05   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 1.94   |       |         | 0.10   |          | 0.19  |
| MANZANA H |             |      |           |        |       |         |        |          |       |
|           |             | JR H | 1.00      | 2.11   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.07   |       |         | 0.10   |          | 0.21  |
|           |             | JR E | 1.00      | 2.13   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.17   |       |         | 0.10   |          | 0.22  |
|           |             | JR G | 1.00      | 2.02   |       |         | 0.10   |          | 0.20  |
|           |             |      | 1.00      | 2.11   |       |         | 0.10   |          | 0.21  |
|           |             | JR F | 1.00      | 2.17   |       |         | 0.10   |          | 0.22  |
|           |             |      | 1.00      | 2.02   |       |         | 0.10   |          | 0.20  |
| MANZANA I |             |      |           |        |       |         |        |          |       |
|           |             | JR H | 1.00      | 2.28   |       |         | 0.10   |          | 0.23  |
|           |             |      | 1.00      | 2.08   |       |         | 0.10   |          | 0.21  |
|           |             | JR D | 1.00      | 2.05   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.10   |       |         | 0.10   |          | 0.21  |
|           |             | JR G | 1.00      | 2.09   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.04   |       |         | 0.10   |          | 0.20  |
|           |             | JR E | 1.00      | 2.16   |       |         | 0.10   |          | 0.22  |
|           |             |      | 1.00      | 2.13   |       |         | 0.10   |          | 0.21  |
| MANZANA D |             |      |           |        |       |         |        |          |       |
|           |             | JR H | 1.00      | 2.01   |       |         | 0.10   |          | 0.20  |
|           |             |      | 1.00      | 2.09   |       |         | 0.10   |          | 0.21  |
|           |             | JR C | 2.00      | 2.35   |       |         | 0.10   |          | 0.47  |
|           |             | AV A | 2.00      | 2.80   |       |         | 0.10   |          | 0.56  |
|           |             | JR D | 1.00      | 2.15   |       |         | 0.10   |          | 0.22  |
|           |             |      | 1.00      | 2.13   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.12   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.05   |       |         | 0.10   |          | 0.21  |
| MANZANA E |             |      |           |        |       |         |        |          |       |
|           |             | JR G | 1.00      | 2.05   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.06   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.05   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.00   |       |         | 0.10   |          | 0.20  |
|           |             |      | 1.00      | 2.08   |       |         | 0.10   |          | 0.21  |
|           |             |      | 1.00      | 2.09   |       |         | 0.10   |          | 0.21  |
|           |             | JR D | 1.00      | 2.19   |       |         | 0.10   |          | 0.22  |
|           |             |      | 1.00      | 2.14   |       |         | 0.10   |          | 0.21  |
|           |             | AV A | 1.00      | 2.26   |       |         | 0.10   |          | 0.23  |
|           |             |      | 1.00      | 1.69   |       |         | 0.10   |          | 0.17  |
| INGRESOS  |             |      |           |        |       |         |        |          |       |
| MANZANA A |             |      |           |        |       |         |        |          |       |
|           |             | AV B | 16.00     | 2.40   | 2.00  |         | 0.10   |          | 7.68  |
|           |             | JR H | 25.00     | 2.08   | 2.00  |         | 0.10   |          | 10.40 |
| MANZANA B |             |      |           |        |       |         |        |          |       |
|           |             | AV B | 2.00      | 2.25   | 2.00  |         | 0.10   |          | 0.90  |



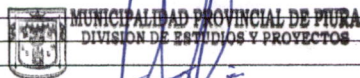
**MUNICIPALIDAD PROVINCIAL DE PIURA**  
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 Arq. PEDRO GALILEO RUIZ YESAN  
 JEFE



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
Lugar PIURA - PIURA - PIURA

| Item  | Descripción  | Und.  | Elementos |        |       |        | Metrado |          |          |         |
|-------|--|-------|-----------|--------|-------|--------|---------|----------|----------|---------|
|       |  |       | Nº        | Largo  | Ancho | Altura | Unidad  | Longitud | Area     | Volumen |
|       | MANZANA C  | JR H  | 3.00      | 2.32   | 2.00  | 0.10   |         |          | 1.39     |         |
|       |  | JR F  | 6.00      | 2.15   | 2.00  | 0.10   |         |          | 2.58     |         |
|       | MANZANA H  | JR H  | 4.00      | 2.09   | 2.00  | 0.10   |         |          | 0.00     |         |
|       |  | JR G  | 1.00      | 2.08   | 2.00  | 0.10   |         |          | 1.67     |         |
|       | MANZANA D  | JR H  | 1.00      | 2.05   | 2.00  | 0.10   |         |          | 0.41     |         |
|       |  | JR C  | 15.00     | 2.35   | 2.00  | 0.10   |         |          | 7.05     |         |
|       |  | AV A  | 1.00      | 2.80   | 2.00  | 0.10   |         |          | 0.56     |         |
|       |  | JR D  | 15.00     | 2.10   | 2.00  | 0.10   |         |          | 6.30     |         |
|       | MANZANA E  | JR G  | 16.00     | 2.07   | 2.00  | 0.10   |         |          | 6.62     |         |
|       |  | AV A  | 14.00     | 1.90   | 2.00  | 0.10   |         |          | 5.32     |         |
|       | EN JUNTAS DILATACION - SOLO VEREDA                         |       |           |        |       |        |         |          |          |         |
|       | JUNTAS CON ASFALTO E=1"                                    |       |           | 948.00 |       | 0.10   |         |          | 94.80    |         |
| 06.06 | CONCRETO Fc=175 Kg/cm2, P/VEREDAS INC. CURADO E=0.10M (SEM | m2    |           |        |       |        |         |          | 4,132.57 |         |
|       | BASE GRANULAR E=0.10 m.COMPACTADA CON EQUIPO LIVIANO       |       |           |        |       |        |         |          | 4,132.57 |         |
| 06.07 | CONCRETO UÑA EN VEREDA Fc= 175 Kg/cm2 INC. ACABADO         | m3    |           |        |       |        |         |          |          | 152.80  |
|       | MANZANA A  | AV. B | MART      | 17.01  | 0.225 | 0.45   |         |          |          | 1.72    |
|       |  | VER   |           | 151.70 | 0.225 | 0.25   |         |          |          | 8.53    |
|       |  | MART  |           | 18.60  | 0.225 | 0.45   |         |          |          | 1.88    |
|       |  | JR C  | VER       | 31.87  | 0.225 | 0.25   |         |          |          | 1.79    |
|       |  | JR H  | MART      | 15.35  | 0.225 | 0.45   |         |          |          | 1.55    |
|       |  | VER   |           | 154.85 | 0.225 | 0.25   |         |          |          | 8.71    |
|       |  | MART  |           | 13.67  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |  | JR F  | VER       | 33.72  | 0.225 | 0.25   |         |          |          | 1.90    |
|       | MANZANA B  |       |           |        |       |        |         |          |          | 0.00    |
|       |  | AV B  | VER       | 15.44  | 0.225 | 0.25   |         |          |          | 0.87    |
|       |  | MART  |           | 16.86  | 0.225 | 0.45   |         |          |          | 1.71    |
|       |  | JR F  | VER       | 33.65  | 0.225 | 0.25   |         |          |          | 1.89    |
|       |  | JR H  | MART      | 13.62  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |  | VER   |           | 17.82  | 0.225 | 0.25   |         |          |          | 1.00    |
|       |  | VER   |           | 23.86  | 0.225 | 0.25   |         |          |          | 1.34    |
|       | MANZANA C  |       |           |        |       |        |         |          |          | 0.00    |
|       |  | JR H  | MART      | 11.36  | 0.225 | 0.45   |         |          |          | 1.15    |
|       |  | VER   |           | 17.41  | 0.225 | 0.25   |         |          |          | 0.98    |
|       |  | VER   |           | 20.13  | 0.225 | 0.25   |         |          |          | 1.13    |
|       |  | MART  |           | 13.79  | 0.225 | 0.45   |         |          |          | 1.40    |
|       |  | JR F  | VER       | 107.19 | 0.225 | 0.25   |         |          |          | 6.03    |
|       |  | JR G  | MART      | 13.68  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |  | VER   |           | 36.84  | 0.225 | 0.25   |         |          |          | 2.07    |
|       |  | MART  |           | 13.36  | 0.225 | 0.45   |         |          |          | 1.35    |
|       | MANZANA H  |       |           |        |       |        |         |          |          | 0.00    |
|       |  | JR H  | MART      | 13.41  | 0.225 | 0.45   |         |          |          | 1.36    |
|       |  | VER   |           | 42.11  | 0.225 | 0.25   |         |          |          | 2.37    |
|       |  | MART  |           | 13.59  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |  | JR E  | VER       | 106.87 | 0.225 | 0.25   |         |          |          | 6.01    |
|       |  | JR G  | MART      | 13.65  | 0.225 | 0.45   |         |          |          | 1.38    |
|       |  | VER   |           | 42.11  | 0.225 | 0.25   |         |          |          | 2.37    |
|       |  | MART  |           | 13.68  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |  | JR F  | VER       | 107.18 | 0.225 | 0.25   |         |          |          | 6.03    |
|       | MANZANA I  |       |           |        |       |        |         |          |          | 0.00    |
|       |  | JR H  | MART      | 13.85  | 0.225 | 0.45   |         |          |          | 1.40    |
|       |  | VER   |           | 42.23  | 0.225 | 0.25   |         |          |          | 2.38    |
|       |  | MART  |           | 14.18  | 0.225 | 0.45   |         |          |          | 1.44    |
|       |  | JR E  | VER       | 106.01 | 0.225 | 0.25   |         |          |          | 5.96    |
|       |  | JR G  | MART      | 13.70  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |  | VER   |           | 42.23  | 0.225 | 0.25   |         |          |          | 2.38    |
|       |  | MART  |           | 13.23  | 0.225 | 0.45   |         |          |          | 1.34    |
|       |  | JR F  | VER       | 107.01 | 0.225 | 0.25   |         |          |          | 6.02    |
|       | MANZANA D  |       |           |        |       |        |         |          |          | 0.00    |
|       |  | JR H  | MART      | 14.22  | 0.225 | 0.45   |         |          |          | 1.44    |
|       |  | VER   |           | 35.45  | 0.225 | 0.25   |         |          |          | 1.99    |
|       |  | MART  |           | 15.18  | 0.225 | 0.45   |         |          |          | 1.54    |
|       |  | JR C  | VER       | 155.07 | 0.225 | 0.25   |         |          |          | 8.72    |
|       |  | AV A  | MART      | 23.76  | 0.225 | 0.45   |         |          |          | 2.41    |
|       |  | VER   |           | 28.26  | 0.225 | 0.25   |         |          |          | 1.59    |
|       |  | MART  |           | 18.45  | 0.225 | 0.45   |         |          |          | 1.87    |
|       |  | JR D  | VER       | 157.96 | 0.225 | 0.25   |         |          |          | 8.89    |
|       | MANZANA E  |       |           |        |       |        |         |          |          | 0.00    |
|       |  | JR G  | MART      | 12.31  | 0.225 | 0.45   |         |          |          | 1.25    |
|       |  | VER   |           | 157.75 | 0.225 | 0.25   |         |          |          | 8.87    |
|       |  | MART  |           | 13.76  | 0.225 | 0.45   |         |          |          | 1.39    |
|       |  | JR D  | VER       | 33.94  | 0.225 | 0.25   |         |          |          | 1.91    |



Atq. PEDRO GALILEO RUIZ YESAN  
J E F E



MUNICIPALIDAD PROVINCIAL DE PIURA  
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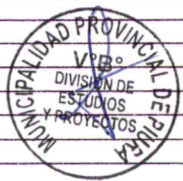
Atq. PEDRO GALILEO RUIZ YESAN  
J E F E



PLANILLA DE METRADO

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción                   | Und.  | Elementos |        |        |        | Metrado |          |          |         |      |
|-------|-------------------------------|-------|-----------|--------|--------|--------|---------|----------|----------|---------|------|
|       |                               |       | N°        | Largo  | Ancho  | Altura | Unidad  | Longitud | Area     | Volumen |      |
|       |                               | AV.A  | MART      | 19.21  | 1.00   | 0.225  | 0.45    |          |          |         | 1.95 |
|       |                               |       | VER       | 153.99 | 1.00   | 0.225  | 0.25    |          |          |         | 8.66 |
|       |                               |       | MART      | 12.56  | 1.00   | 0.225  | 0.45    |          |          |         | 1.27 |
|       | RAMPAS                        |       |           |        |        |        |         |          |          |         |      |
|       | MANZANA A                     |       |           | 12.00  | 1.00   | 0.225  | 0.25    |          |          |         | 0.68 |
|       | MANZANA B                     |       |           | 5.00   | 1.00   | 0.225  | 0.25    |          |          |         | 0.28 |
|       | MANZANA C                     |       |           | 6.00   | 1.00   | 0.225  | 0.25    |          |          |         | 0.34 |
|       | MANZANA H                     |       |           | 8.00   | 1.00   | 0.225  | 0.25    |          |          |         | 0.45 |
|       | MANZANA I                     |       |           | 8.00   | 1.00   | 0.225  | 0.25    |          |          |         | 0.45 |
|       | MANZANA D                     |       |           | 10.00  | 1.00   | 0.225  | 0.25    |          |          |         | 0.56 |
|       | MANZANA E                     |       |           | 10.00  | 1.00   | 0.225  | 0.25    |          |          |         | 0.56 |
| 06.08 | JUNTAS CON ASFALTO E=1"       | m     |           |        |        |        |         |          | 1,110.28 |         |      |
|       | MANZANA A                     |       |           |        |        |        |         |          |          |         |      |
|       |                               | AV. B | VER       | 51.00  | 151.70 | 1.80   |         |          | 91.80    |         |      |
|       |                               | JR C  | VER       | 11.00  | 31.87  | 1.80   |         |          | 19.80    |         |      |
|       |                               | JR H  | VER       | 52.00  | 154.85 | 1.20   |         |          | 62.40    |         |      |
|       |                               | JR F  | VER       | 12.00  | 33.72  | 1.20   |         |          | 14.40    |         |      |
|       | MANZANA B                     |       |           |        |        |        |         |          | 0.00     |         |      |
|       |                               | AV B  | VER       | 6.00   | 15.44  | 1.80   |         |          | 10.80    |         |      |
|       |                               | JR F  | VER       | 12.00  | 33.65  | 1.20   |         |          | 14.40    |         |      |
|       |                               | JR H  | VER       | 6.00   | 17.82  | 1.20   |         |          | 7.20     |         |      |
|       |                               |       | VER       | 8.00   | 23.86  | 1.20   |         |          | 9.60     |         |      |
|       | MANZANA C                     |       |           |        |        |        |         |          | 0.00     |         |      |
|       |                               | JR H  | VER       | 6.00   | 17.41  | 1.20   |         |          | 7.20     |         |      |
|       |                               |       | VER       | 7.00   | 20.13  | 1.20   |         |          | 8.40     |         |      |
|       |                               | JR F  | VER       | 36.00  | 107.19 | 1.20   |         |          | 43.20    |         |      |
|       |                               | JR G  | VER       | 13.00  | 36.84  | 1.20   |         |          | 15.60    |         |      |
|       | MANZANA H                     |       |           |        |        |        |         |          | 0.00     |         |      |
|       |                               | JR H  | VER       | 15.00  | 42.11  | 1.20   |         |          | 18.00    |         |      |
|       |                               | JR E  | VER       | 36.00  | 106.87 | 1.20   |         |          | 43.20    |         |      |
|       |                               | JR G  | VER       | 15.00  | 42.11  | 1.20   |         |          | 18.00    |         |      |
|       |                               | JR F  | VER       | 36.00  | 107.18 | 1.20   |         |          | 43.20    |         |      |
|       | MANZANA I                     |       |           |        |        |        |         |          | 0.00     |         |      |
|       |                               | JR H  | VER       | 15.00  | 42.23  | 1.20   |         |          | 18.00    |         |      |
|       |                               | JR E  | VER       | 36.00  | 106.01 | 1.20   |         |          | 43.20    |         |      |
|       |                               | JR G  | VER       | 15.00  | 42.23  | 1.20   |         |          | 18.00    |         |      |
|       |                               | JR F  | VER       | 36.00  | 107.01 | 1.20   |         |          | 43.20    |         |      |
|       | MANZANA D                     |       |           |        |        |        |         |          | 0.00     |         |      |
|       |                               | JR H  | VER       | 12.00  | 35.45  | 1.20   |         |          | 14.40    |         |      |
|       |                               | JR C  | VER       | 52.00  | 155.07 | 1.80   |         |          | 93.60    |         |      |
|       |                               | AV A  | VER       | 10.00  | 28.26  | 2.40   |         |          | 24.00    |         |      |
|       |                               | JR D  | VER       | 53.00  | 157.96 | 1.20   |         |          | 63.60    |         |      |
|       | MANZANA E                     |       |           |        |        |        |         |          | 0.00     |         |      |
|       |                               | JR G  | VER       | 53.00  | 157.75 | 1.20   |         |          | 63.60    |         |      |
|       |                               | JR D  | VER       | 12.00  | 33.94  | 1.20   |         |          | 14.40    |         |      |
|       |                               | AV.A  | VER       | 52.00  | 153.99 | 2.40   |         |          | 124.80   |         |      |
|       | RAMPAS - LATERAL CON MARTILLO |       |           |        |        |        |         |          |          |         |      |
|       | MANZANA A                     |       |           |        |        |        |         |          |          |         |      |
|       |                               | AV B  |           | 1.00   | 2.42   |        |         |          | 2.42     |         |      |
|       |                               |       |           | 1.00   | 2.35   |        |         |          | 2.35     |         |      |
|       |                               | JR C  |           | 1.00   | 2.34   |        |         |          | 2.34     |         |      |
|       |                               |       |           | 1.00   | 2.35   |        |         |          | 2.35     |         |      |
|       |                               | JR H  |           | 1.00   | 2.07   |        |         |          | 2.07     |         |      |
|       |                               |       |           | 1.00   | 2.08   |        |         |          | 2.08     |         |      |
|       |                               | JR F  |           | 1.00   | 2.02   |        |         |          | 2.02     |         |      |
|       |                               |       |           | 1.00   | 2.07   |        |         |          | 2.07     |         |      |
|       | MANZANA B                     |       |           |        |        |        |         |          |          |         |      |
|       |                               | AV B  |           | 1.00   | 2.29   |        |         |          | 2.29     |         |      |
|       |                               | JR F  |           | 1.00   | 2.08   |        |         |          | 2.08     |         |      |
|       |                               |       |           | 1.00   | 2.14   |        |         |          | 2.14     |         |      |
|       |                               | JR H  |           | 1.00   | 1.99   |        |         |          | 1.99     |         |      |
|       | MANZANA C                     |       |           |        |        |        |         |          |          |         |      |
|       |                               | JR H  |           | 1.00   | 1.72   |        |         |          | 1.72     |         |      |
|       |                               |       |           | 1.00   | 2.32   |        |         |          | 2.32     |         |      |
|       |                               | JR F  |           | 1.00   | 2.13   |        |         |          | 2.13     |         |      |
|       |                               |       |           | 1.00   | 2.17   |        |         |          | 2.17     |         |      |
|       |                               | JR G  |           | 1.00   | 2.05   |        |         |          | 2.05     |         |      |
|       |                               |       |           | 1.00   | 1.94   |        |         |          | 1.94     |         |      |
|       | MANZANA H                     |       |           |        |        |        |         |          |          |         |      |
|       |                               | JR H  |           | 1.00   | 2.11   |        |         |          | 2.11     |         |      |
|       |                               |       |           | 1.00   | 2.07   |        |         |          | 2.07     |         |      |
|       |                               | JR E  |           | 1.00   | 2.13   |        |         |          | 2.13     |         |      |
|       |                               |       |           | 1.00   | 2.17   |        |         |          | 2.17     |         |      |
|       |                               | JR G  |           | 1.00   | 2.02   |        |         |          | 2.02     |         |      |
|       |                               |       |           | 1.00   | 2.11   |        |         |          | 2.11     |         |      |
|       |                               | JR F  |           | 1.00   | 2.17   |        |         |          | 2.17     |         |      |
|       |                               |       |           | 1.00   | 2.02   |        |         |          | 2.02     |         |      |



MUNICIPALIDAD PROVINCIAL DE PIURA  
 DIVISION DE ESTUDIOS Y PROYECTOS  
 Arq. PEDRO GALILEO RUIZ YESAN  
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PLANILLA DE METRADO

11.0:

Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item     | Descripción                                      | Und. | Elementos |             |       | Metrado |        |          |          |         |
|----------|--|------|-----------|-------------|-------|---------|--------|----------|----------|---------|
|          |  |      | N°        | Largo       | Ancho | Altura  | Unidad | Longitud | Area     | Volumen |
|          | MANZANA I  |      |           |             |       |         |        |          |          |         |
|          |  | JR H | 1.00      | 2.28        |       |         |        | 2.28     |          |         |
|          |  |      | 1.00      | 2.08        |       |         |        | 2.08     |          |         |
|          |  | JR D | 1.00      | 2.05        |       |         |        | 2.05     |          |         |
|          |  |      | 1.00      | 2.10        |       |         |        | 2.10     |          |         |
|          |  | JR G | 1.00      | 2.09        |       |         |        | 2.09     |          |         |
|          |  |      | 1.00      | 2.04        |       |         |        | 2.04     |          |         |
|          |  | JR E | 1.00      | 2.16        |       |         |        | 2.16     |          |         |
|          |  |      | 1.00      | 2.13        |       |         |        | 2.13     |          |         |
|          | MANZANA D  |      |           |             |       |         |        |          |          |         |
|          |  | JR H | 1.00      | 2.01        |       |         |        | 2.01     |          |         |
|          |  |      | 1.00      | 2.09        |       |         |        | 2.09     |          |         |
|          |  | JR C | 2.00      | 2.35        |       |         |        | 4.70     |          |         |
|          |  | AV A | 2.00      | 2.80        |       |         |        | 5.60     |          |         |
|          |  | JR D | 1.00      | 2.15        |       |         |        | 2.15     |          |         |
|          |  |      | 1.00      | 2.05        |       |         |        | 2.05     |          |         |
|          | MANZANA E  |      |           |             |       |         |        |          |          |         |
|          |  | JR G | 1.00      | 2.05        |       |         |        | 2.05     |          |         |
|          |  |      | 1.00      | 2.09        |       |         |        | 2.09     |          |         |
|          |  | JR D | 1.00      | 2.19        |       |         |        | 2.19     |          |         |
|          |  |      | 1.00      | 2.14        |       |         |        | 2.14     |          |         |
|          |  | AV A | 1.00      | 2.26        |       |         |        | 2.26     |          |         |
|          |  |      | 1.00      | 1.69        |       |         |        | 1.69     |          |         |
|          | RAMPAS - TRANSVERSAL CON VEREDA                  |      |           |             |       |         |        |          |          |         |
|          | MANZANA A  |      | 12.00     | 1.00        |       |         |        | 12.00    |          |         |
|          | MANZANA B  |      | 5.00      | 1.00        |       |         |        | 5.00     |          |         |
|          | MANZANA C  |      | 6.00      | 1.00        |       |         |        | 6.00     |          |         |
|          | MANZANA H  |      | 8.00      | 1.00        |       |         |        | 8.00     |          |         |
|          | MANZANA I  |      | 8.00      | 1.00        |       |         |        | 8.00     |          |         |
|          | MANZANA D  |      | 10.00     | 1.00        |       |         |        | 10.00    |          |         |
|          | MANZANA E  |      | 10.00     | 1.00        |       |         |        | 10.00    |          |         |
| 07       | SEÑALIZACION                                     |      |           |             |       |         |        |          |          |         |
| 07.01    | SEÑALIZACION HORIZONTAL                          |      |           |             |       |         |        |          |          |         |
| 07.01.01 | LINEA CONTINUA PINTURA BLANCA (E=0.10 M)         | m2   |           |             |       |         |        |          | 68.09    |         |
|          | JIRON H  |      |           | 188.25      | 0.10  |         |        |          | 18.83    |         |
|          | JIRON F  |      |           | 179.06      | 0.10  |         |        |          | 17.91    |         |
|          | JIRON D  |      |           | 181.21      | 0.10  |         |        |          | 18.12    |         |
|          | JIRON G  |      |           | 132.36      | 0.10  |         |        |          | 13.24    |         |
| 07.01.02 | PINTADO DE PAVIMENTO (FLECHA SOLO DE FRENTE)     | m2   |           | area flecha |       |         |        |          | 7.48     |         |
|          | JIRON H  |      | 3.00      | 0.534       |       |         |        |          | 1.60     |         |
|          | JIRON F  |      | 4.00      | 0.534       |       |         |        |          | 2.14     |         |
|          | JIRON D  |      | 4.00      | 0.534       |       |         |        |          | 2.14     |         |
|          | JIRON G  |      | 3.00      | 0.534       |       |         |        |          | 1.60     |         |
| 07.01.03 | PINTURA EN SARDINELES Y MARTILLOS                | m2   |           |             |       |         |        |          | 345.93   |         |
|          | LONGITUD SARDINELES BAJO                         |      |           | 864.83      |       | 0.40    |        |          | 345.93   |         |
| 07.01.04 | LINEA DE PARE PINTURA BLANCA (E=0.20 M)          | m2   |           |             |       |         |        |          | 3.60     |         |
|          |  |      | 3.00      | 2.40        | 0.50  |         |        |          | 3.60     |         |
| 07.01.05 | PINTURA BLANCA ZEBRA PEATONAL 0.50x3.00 M.       | m2   |           |             |       |         |        |          | 167.40   |         |
|          | JIRON H  |      | 6.00      | 3.00        | 3.10  |         |        |          | 55.80    |         |
|          | JIRON F  |      | 4.00      | 3.00        | 3.10  |         |        |          | 37.20    |         |
|          | JIRON D  |      | 4.00      | 3.00        | 3.10  |         |        |          | 37.20    |         |
|          | JIRON G  |      | 4.00      | 3.00        | 3.10  |         |        |          | 37.20    |         |
| 08       | MITIGACION AMBIENTAL                             |      |           |             |       |         |        |          |          |         |
| 08.01    | REHABILITACION DE JARDINES INC. TIERRA DE CHACRA | m2   |           |             |       |         |        |          | 3,117.44 |         |
|          | MANZANA A  |      |           |             |       |         |        |          |          |         |
|          |  | AV B |           |             |       |         |        |          | 267.57   |         |
|          |  | JR C |           |             |       |         |        |          | 67.16    |         |
|          |  | JR H |           |             |       |         |        |          | 173.69   |         |
|          |  | JR F |           |             |       |         |        |          | 61.70    |         |
|          | MANZANA B  |      |           |             |       |         |        |          |          |         |
|          |  | AV B |           |             |       |         |        |          | 12.35    |         |
|          |  | JR F |           |             |       |         |        |          | 63.56    |         |
|          |  | JR H |           |             |       |         |        |          | 75.82    |         |
|          | MANZANA C  |      |           |             |       |         |        |          |          |         |
|          |  | JR H |           |             |       |         |        |          | 67.45    |         |
|          |  | JR F |           |             |       |         |        |          | 190.84   |         |
|          |  | JR G |           |             |       |         |        |          | 62.51    |         |
|          | MANZANA H  |      |           |             |       |         |        |          |          |         |
|          |  | JR H |           |             |       |         |        |          |          |         |



MUNICIPALIDAD PROVINCIAL DE PIURA  
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MUNICIPALIDAD PROVINCIAL DE PIURA  
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Presupuesto MEJORAMIENTO DEL SERVICIO DE TRANSITABILIDAD VEHICULAR Y PEATONAL EN LA APV LOURDES DEL CENTRO POBLADO DE PIURA - DISTRITO DE PIURA - PROVINCIA DE PIURA - DEPARTAMENTO DE PIURA - CUI 2402708 - ETAPA II  
 Propietario MUNICIPALIDAD PROVINCIAL DE PIURA  
 Lugar PIURA - PIURA - PIURA

| Item  | Descripción  | Und. | Elementos |       |       |        | Metrado |          |        |         |
|-------|--|------|-----------|-------|-------|--------|---------|----------|--------|---------|
|       |  |      | N°        | Largo | Ancho | Altura | Unidad  | Longitud | Area   | Volumen |
|       |  | JR E |           |       |       |        |         |          | 204.25 |         |
|       |  | JR G |           |       |       |        |         |          | 69.28  |         |
|       |  | JR F |           |       |       |        |         |          | 210.08 |         |
|       | MANZANA I  |      |           |       |       |        |         |          |        |         |
|       |  | JR H |           |       |       |        |         |          | 83.67  |         |
|       |  | JR D |           |       |       |        |         |          | 208.15 |         |
|       |  | JR G |           |       |       |        |         |          | 75.00  |         |
|       |  | JR E |           |       |       |        |         |          | 215.02 |         |
|       | MANZANA D  |      |           |       |       |        |         |          |        |         |
|       |  | JR H |           |       |       |        |         |          | 60.17  |         |
|       |  | JR C |           |       |       |        |         |          | 232.18 |         |
|       |  | AV A |           |       |       |        |         |          | 60.47  |         |
|       |  | JR D |           |       |       |        |         |          | 213.67 |         |
|       | MANZANA E  |      |           |       |       |        |         |          |        |         |
|       |  | JR G |           |       |       |        |         |          | 178.25 |         |
|       |  | JR D |           |       |       |        |         |          | 66.08  |         |
|       |  | AV A |           |       |       |        |         |          | 198.52 |         |
| 08.02 | IMPLEMENTACION DE PLAN DE DESVIO Y MANTENIMIENTO DEL TR    | mes  |           |       |       |        |         | 2.00     |        |         |
| 08.03 | MITIGACION DEL IMPACTO AMBIENTAL                           | glb  |           |       |       |        |         | 1.00     |        |         |
| 08.04 | RIEGO DE AGUA EN EL AREA DE TRABAJO                        | glb  |           |       |       |        |         | 1.00     |        |         |
| 08.05 | LIMPIEZA FINAL DE LA OBRA                                  | m2   |           |       |       |        |         | 8,179.13 |        |         |
|       | LIMPIEZA DE TERRENO MANUAL                                 |      |           |       |       |        |         | 8,179.13 |        |         |
| 09    | VARIOS   |      |           |       |       |        |         |          |        |         |
| 09.01 | BAJADA DE NIVEL DE CONEXION DOMICILIARIA AGUA A RED MATRIZ | und  |           |       |       |        |         | 5.00     |        |         |
| 09.02 | BAJADA DE CONEXIÓN DOMICILIARIA DESAGUE TUBO PVC DN Ø200   | und  |           |       |       |        |         | 5.00     |        |         |
| 09.03 | NIVELACION DE CAJA DE AGUA Y DESAGUE                       | und  |           |       |       |        |         | 42.00    |        |         |
|       | MANZANA A  |      | 9.00      |       |       |        |         | 9.00     |        |         |
|       | MANZANA B  |      | 3.00      |       |       |        |         | 3.00     |        |         |
|       | MANZANA C  |      | 7.00      |       |       |        |         | 7.00     |        |         |
|       | MANZANA H  |      | 4.00      |       |       |        |         | 4.00     |        |         |
|       | MANZANA D  |      | 9.00      |       |       |        |         | 9.00     |        |         |
|       | MANZANA E  |      | 10.00     |       |       |        |         | 10.00    |        |         |
| 09.04 | PLACA RECORDATORIA INC. MURO                               | glb  |           |       |       |        |         | 1.00     |        |         |



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