

# CA CONSORCIO ATENAS 2020

CONSTRUCKDERT S.A.C  
Ruc: 20567223605

CORPORACIÓN DEL ORIENTE  
A&M E.I.R.L  
Ruc: 20567109578

09/04/2021

Carta N° 023- CA/2020 - 2021

Señores:

Ing. Artemio Del Aguila Panduro,

Gerente Regional de Infraestructura

GOBIERNO REGIONAL DE LORETO- SEDE CENTRAL

Av. José Abelardo Quiñones Km. 1.5 N°2371, Villa Belén

Atención: Ing. VICTOR OSWALDO DA SILVA DEL AGUILA  
INSPECTOR DE OBRA

Presente. -

Asunto : PRESENTAMOS VALORIZACIÓN DE OBRA N°05  
CORRESPONDIENTE AL MES DE MARZO DEL 2021.

Referencia : CONTRATO DE OBRA N°040-2020-GRL-GRI  
Adjudicación Simplificada 018-2020-CSO-GRL - Primera Convocatoria  
OBRA: "MEJORAMIENTO DE LOS SERVICIOS DE EDUCACIÓN PRIMARIA DE  
LA I.E.P.M. N°6010163 EN LA COMUNIDAD DE ATENAS, DISTRITO DE  
PARINARI - LORETO - LORETO-CUI N°2343051."

De nuestra especial consideración:

Por medio de la presente me dirijo a Usted, para saludarlo muy cordialmente y a la vez, remitirle la valorización de obra N°05 correspondiente al mes de marzo del 2021 para su revisión y trámite correspondiente.

Sin otro particular, me suscribo de Ud.

Atentamente,



07542  
a: Ing. Victor da Silva  
SU  
PARA: Atención



PROVEIDO N° 7542  
CONSORCIO ATENAS 2020 S6SYC- GRI  
PARA: Atención  
12/04/21



FORMULA UNICA  
VALORIZACION DE OBRA N° 05 - MARZO 2021

MEJORAMIENTO DE LOS SERVIDORES EMOCION PRIMARIA DE LA TAPAR MUVI EN LA COMUNIDAD DE ATENAS, DISTRITO DE PRIMAS - LORETO - LORETO  
GOBIERNO REGIONAL DE LORETO  
CONSORCIO ATENAS 2020  
RIP VOTOR CORRIADO DE SELVILLA AGUILA

VALOR REFERENCIAL SIN IVA  
MIXTO CONTRATADO 26.53V

SI, TALEN 13  
SI, NA, 35.15

| DESCRIPCION   | PRESUPUESTO CONTRATADO |         |                  |              | VALORIZACIONES |              |         |         | ACTUALIZACIONES |         |         |              | SALDO   |         |              |
|---|------------------------|---------|------------------|--------------|----------------|--------------|---------|---------|-----------------|---------|---------|--------------|---------|---------|--------------|
|   | UNIDAD                 | METRADO | P. UNITARIO (S/) | PASIVAS (S/) | METRADO        | PASIVAS (S/) | %       | METRADO | PASIVAS (S/)    | %       | METRADO | PASIVAS (S/) | %       | METRADO | PASIVAS (S/) |
| <b>OBRAS PROVISIONALES</b>  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| CARTEL DE OBRA DE 1.60 x 3.00m TIPO GIGANTOGRAFIA CON BASTIDOR DE MADERA 7' x 7'      | und                    | 1.00    | 487.78           | 487.78       | 1.00           | 487.70       | 100.00% | 1.00    | 487.70          | 100.00% | 1.00    | 487.70       | 100.00% | -       | -            |
| TRANSPORTE DE MATERIALES (FLETE FLUVA) INCLUYE TRANSPORTE LOCAL, CARGUIO Y DESCARGUIO | ton                    | 113.03  | 300.00           | 33920.00     | 100.00         | 30000.00     | 88.47%  | 113.03  | 33920.00        | 100.00% | 113.03  | 33920.00     | 100.00% | -       | -            |
| CONSTRUCCION PROVISIONAL DE ALMACEN   | m2                     | 40.00   | 103.37           | 4134.00      | 40.00          | 4134.00      | 100.00% | 40.00   | 4134.00         | 100.00% | 40.00   | 4134.00      | 100.00% | -       | -            |
| POZA DE ALMACENAMIENTO DE AGUA DE LADRILLO TARRAJADO DE 1.00 x 2.00 x 1.20 m.         | und                    | 1.00    | 405.21           | 405.21       | 1.00           | 405.21       | 100.00% | 1.00    | 405.21          | 100.00% | 1.00    | 405.21       | 100.00% | -       | -            |
| TRABAJOS PRELIMINARES   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MOVILIZACION Y DESMOVILIZACION DE EQUIPOS   | und                    | 1.00    | 2500.00          | 2500.00      | 0.50           | 1250.00      | 50.00%  | 0.50    | 1250.00         | 100.00% | 1.00    | 2500.00      | 100.00% | -       | -            |
| LMPIEZA DE TERRENO MANUAL (señal, línea y canchales)                                  | m2                     | 307.28  | 1.80             | 553.10       | 307.28         | 553.10       | 100.00% | 307.28  | 553.10          | 100.00% | 307.28  | 553.10       | 100.00% | -       | -            |
| TRAZO NIVELES Y REPLANTEO (con taquímetro e nivel)                                    | m2                     | 307.28  | 1.90             | 583.83       | 307.28         | 583.83       | 100.00% | 307.28  | 583.83          | 100.00% | 307.28  | 583.83       | 100.00% | -       | -            |
| MOVIMIENTO DE TIERRAS   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| EXCAVACIONES  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| EXCAVACION DE ZANJA PARA ZAPATAS (CON HERRAMIENTAS MANUALES)                          | m3                     | 44.38   | 33.76            | 1494.22      | 44.38          | 1494.22      | 100.00% | 44.38   | 1494.22         | 100.00% | 44.38   | 1494.22      | 100.00% | -       | -            |
| EXCAVACION DE ZANJA PARA CEMENTO CORRIDO  | m3                     | 0.00    | 38.56            | 0.00         | 0.00           | 0.00         | 100.00% | 0.00    | 0.00            | 100.00% | 0.00    | 0.00         | 100.00% | -       | -            |
| EXCAVACION DE ZANJA PARA VIGA DE CIMENTACION  | m3                     | 20.91   | 35.76            | 748.00       | 20.91          | 748.00       | 100.00% | 20.91   | 748.00          | 100.00% | 20.91   | 748.00       | 100.00% | -       | -            |
| RELLENOS  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| RELLENO CON MATERIAL PROPIO SELECCIONADO  | m3                     | 24.38   | 19.66            | 479.31       | 24.38          | 479.31       | 100.00% | 24.38   | 479.31          | 100.00% | 24.38   | 479.31       | 100.00% | -       | -            |
| NIVELACION, REGLADO Y APICADO MANUAL  | m2                     | 36.68   | 2.22             | 81.42        | 36.68          | 81.42        | 100.00% | 36.68   | 81.42           | 100.00% | 36.68   | 81.42        | 100.00% | -       | -            |
| ELIMINACIONES   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| ACABADO INTERNO MATERIAL PROCEDENTE DE EXCAVACIONES                                   | m3                     | 41.39   | 13.50            | 558.77       | 41.39          | 558.77       | 100.00% | 41.39   | 558.77          | 100.00% | 41.39   | 558.77       | 100.00% | -       | -            |
| EL MANEJO DE MATERIAL EXCEDENTE A TOME DE LA OBRA                                     | m3                     | 49.07   | 16.60            | 815.47       | 49.07          | 815.47       | 100.00% | 49.07   | 815.47          | 100.00% | 49.07   | 815.47       | 100.00% | -       | -            |
| MORTERO SIMPLE  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| SOLADO MEZCLA 1:8 e 4" venado con canchales   | m2                     | 29.68   | 30.55            | 900.44       | 29.68          | 900.44       | 100.00% | 29.68   | 900.44          | 100.00% | 29.68   | 900.44       | 100.00% | -       | -            |
| CEMENTO CORRIDO, MORTERO 1:8, C.A   | m3                     | 0.00    | 210.77           | 0.00         | 0.00           | 0.00         | 100.00% | 0.00    | 0.00            | 100.00% | 0.00    | 0.00         | 100.00% | -       | -            |
| MORTERO ARMADO  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| ZAPATAS   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - ZAPATAS   | m3                     | 10.75   | 501.27           | 5386.65      | 10.75          | 5386.65      | 100.00% | 10.75   | 5386.65         | 100.00% | 10.75   | 5386.65      | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 10", fy=4200 kg/cm2  | kg                     | 550.21  | 5.25             | 2888.60      | 550.21         | 2888.60      | 100.00% | 550.21  | 2888.60         | 100.00% | 550.21  | 2888.60      | 100.00% | -       | -            |
| COLUMNAS  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - COLUMNAS  | m3                     | 10.21   | 520.80           | 5318.83      | 10.21          | 5318.83      | 100.00% | 10.21   | 5318.83         | 100.00% | 10.21   | 5318.83      | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 10", fy=4200 kg/cm2  | kg                     | 1273.46 | 5.35             | 6793.01      | 1273.46        | 6793.01      | 100.00% | 1273.46 | 6793.01         | 100.00% | 1273.46 | 6793.01      | 100.00% | -       | -            |
| ESTRIBOS DE FIERRO CORRUJADO Ø 3/8", fy=4200 kg/cm2                                   | kg                     | 600.00  | 5.35             | 3210.00      | 600.00         | 3210.00      | 100.00% | 600.00  | 3210.00         | 100.00% | 600.00  | 3210.00      | 100.00% | -       | -            |
| ENCOFRADO Y DESENCOFRADO  | m2                     | 150.33  | 53.91            | 8104.20      | 150.33         | 8104.20      | 100.00% | 150.33  | 8104.20         | 100.00% | 150.33  | 8104.20      | 100.00% | -       | -            |
| VIAS DE CIMENTACION   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - VIAS DE CIMENTACION   | m3                     | 7.70    | 501.27           | 3862.76      | 7.70           | 3862.76      | 100.00% | 7.70    | 3862.76         | 100.00% | 7.70    | 3862.76      | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 10", fy=4200 kg/cm2  | kg                     | 561.13  | 5.35             | 2984.05      | 561.13         | 2984.05      | 100.00% | 561.13  | 2984.05         | 100.00% | 561.13  | 2984.05      | 100.00% | -       | -            |
| ESTRIBOS DE FIERRO CORRUJADO Ø 3/8", fy=4200 kg/cm2                                   | kg                     | 452.21  | 5.35             | 2419.32      | 452.21         | 2419.32      | 100.00% | 452.21  | 2419.32         | 100.00% | 452.21  | 2419.32      | 100.00% | -       | -            |
| VIAS PRINCIPALES Y SEGUNDARIAS  |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - VIGA PRINCIPAL Y SECUNDARIA                                   | m3                     | 11.38   | 500.00           | 5711.38      | 11.38          | 5711.38      | 100.00% | 11.38   | 5711.38         | 100.00% | 11.38   | 5711.38      | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 8", fy=4200 kg/cm2   | kg                     | 661.02  | 5.35             | 3538.46      | 661.02         | 3538.46      | 100.00% | 661.02  | 3538.46         | 100.00% | 661.02  | 3538.46      | 100.00% | -       | -            |
| ESTRIBOS DE FIERRO CORRUJADO Ø 10", fy=4200 kg/cm2                                    | kg                     | 550.86  | 5.35             | 2938.06      | 550.86         | 2938.06      | 100.00% | 550.86  | 2938.06         | 100.00% | 550.86  | 2938.06      | 100.00% | -       | -            |
| ESTRIBOS DE FIERRO CORRUJADO Ø 3/8", fy=4200 kg/cm2                                   | kg                     | 521.90  | 5.35             | 2792.27      | 521.90         | 2792.27      | 100.00% | 521.90  | 2792.27         | 100.00% | 521.90  | 2792.27      | 100.00% | -       | -            |
| ENCOFRADO Y DESENCOFRADO  | m2                     | 151.50  | 82.75            | 12536.25     | 151.50         | 12536.25     | 100.00% | 151.50  | 12536.25        | 100.00% | 151.50  | 12536.25     | 100.00% | -       | -            |
| VIGA COLLARIN Y DE AMARRE   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - VIGA COLLARIN Y DE AMARRE                                     | m3                     | 4.22    | 550.00           | 2321.00      | 4.22           | 2321.00      | 100.00% | 4.22    | 2321.00         | 100.00% | 4.22    | 2321.00      | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 10", fy=4200 kg/cm2  | kg                     | 402.29  | 5.35             | 2152.25      | 402.29         | 2152.25      | 100.00% | 402.29  | 2152.25         | 100.00% | 402.29  | 2152.25      | 100.00% | -       | -            |
| ESTRIBOS DE FIERRO CORRUJADO Ø 3/8", fy=4200 kg/cm2                                   | kg                     | 278.81  | 5.35             | 1487.52      | 278.81         | 1487.52      | 100.00% | 278.81  | 1487.52         | 100.00% | 278.81  | 1487.52      | 100.00% | -       | -            |
| ENCOFRADO Y DESENCOFRADO  | m2                     | 54.15   | 52.75            | 2855.41      | 54.15          | 2855.41      | 100.00% | 54.15   | 2855.41         | 100.00% | 54.15   | 2855.41      | 100.00% | -       | -            |
| ONTELES   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC - 210 KGCM2 - ONTELES  | m3                     | 0.15    | 850.00           | 127.50       | 0.15           | 127.50       | 100.00% | 0.15    | 127.50          | 100.00% | 0.15    | 127.50       | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 3/8", fy=4200 kg/cm2   | kg                     | 14.34   | 5.35             | 76.71        | 14.34          | 76.71        | 100.00% | 14.34   | 76.71           | 100.00% | 14.34   | 76.71        | 100.00% | -       | -            |
| ESTRIBOS DE FIERRO Ø 10", fy=4200 kg/cm2  | kg                     | 7.82    | 6.83             | 53.40        | 7.82           | 53.40        | 100.00% | 7.82    | 53.40           | 100.00% | 7.82    | 53.40        | 100.00% | -       | -            |
| ENCOFRADO Y DESENCOFRADO  | m2                     | 3.57    | 82.75            | 295.48       | 3.57           | 295.48       | 100.00% | 3.57    | 295.48          | 100.00% | 3.57    | 295.48       | 100.00% | -       | -            |
| LOSA MACISA PARA TANQUE ELEVADO   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - LOSA MACISA PARA TANQUE ELEVADO                               | m3                     | 0.34    | 550.00           | 187.00       | 0.34           | 187.00       | 100.00% | 0.34    | 187.00          | 100.00% | 0.34    | 187.00       | 100.00% | -       | -            |
| PIEDRA CORRUJADO Ø 10", fy=4200 kg/cm2  | kg                     | 52.17   | 5.35             | 2791.11      | 52.17          | 2791.11      | 100.00% | 52.17   | 2791.11         | 100.00% | 52.17   | 2791.11      | 100.00% | -       | -            |
| ENCOFRADO Y DESENCOFRADO  | m2                     | 3.06    | 43.04            | 131.71       | 3.06           | 131.71       | 100.00% | 3.06    | 131.71          | 100.00% | 3.06    | 131.71       | 100.00% | -       | -            |
| LOSA MACISA PARA GABETA DE FILTRO   |                        |         |                  |              |                |              |         |         |                 |         |         |              |         |         |              |
| MORTERO FC- 210 KGCM2 - LOSA MACISA PARA GABETA DE FILTRO                             | m3                     | 0.33    | 550.00           | 181.50       | 0.33           | 181.50       | 100.00% | 0.33    | 181.50          | 100.00% | 0.33    | 181.50       | 100.00% | -       | -            |

CONSORCIO ATENAS 2020

CONSORCIO ATENAS 2020  
C.C. JONATAN ALVARO RIVAS  
ENCARGADO DE OBRA

FORMULA UNICA  
VALORIZACION DE OBRA N° 05 - MARZO 2021

NUMERO DE LOS SERVICIOS EDUCACION PRIMARIA DE LA LEY N° 019/18 EN LA COMUNIDAD DE ABESES, DISTRITO DE FARRAS - LAMTO - LORETO  
GOBIERNO REGIONAL URBETO  
CORREGIMIENTO ATENAS 2020  
MOP VICTOR OSWALDO DA SILVA DE ALBA

VALOR REFERENCIAL SI/DOY  
MONEDA CONTRATADO SI/DOY

SI 742.688.13  
SI 141.255.15

| DESCRIPCION  | PRESUPUESTO CONTRATADO |         |                  |             | VALORIZACIONES ACTUAL |         |              |         | AJUSTADO |         | BALDO   |              |         |
|--|------------------------|---------|------------------|-------------|-----------------------|---------|--------------|---------|----------|---------|---------|--------------|---------|
|  | UNIDAD                 | METRADO | P. UNITARIO (S/) | PRIVAL (S/) | METRADO               | %       | PARCIAL (S/) | %       | METRADO  | %       | METRADO | PARCIAL (S/) | %       |
| FIERRO CORRUGADO Ø 127, fy=4200 kg/cm²   | kg                     | 27.25   | 5.35             | 145.79      | 27.25                 | 100.00% | 145.79       | 100.00% | 27.25    | 100.00% | 27.25   | 145.79       | 100.00% |
| ENCOFRADO Y DESENCOFRADO   | m²                     | 3.09    | 43.84            | 135.47      | 3.09                  | 100.00% | 135.47       | 100.00% | 3.09     | 100.00% | 3.09    | 135.47       | 100.00% |
| MORTERO FC= 210 NOXOM - TIPIFANOS  | m³                     | 1.54    | 560.60           | 862.92      | 1.54                  | 100.00% | 862.92       | 100.00% | 1.54     | 100.00% | 1.54    | 862.92       | 100.00% |
| PIEDRO CORRUGADO Ø 127, fy=4200 kg/cm²   | kg                     | 182.71  | 5.35             | 979.50      | 182.71                | 100.00% | 979.50       | 100.00% | 182.71   | 100.00% | 182.71  | 979.50       | 100.00% |
| ESTRIBOS DE FIERRO CORRUGADO Ø 3/8", fy=4200 kg/cm²  | kg                     | 85.88   | 5.35             | 459.46      | 85.88                 | 100.00% | 459.46       | 100.00% | 85.88    | 100.00% | 85.88   | 459.46       | 100.00% |
| ENCOFRADO Y DESENCOFRADO   | m²                     | 30.28   | 43.84            | 1327.48     | 30.28                 | 100.00% | 1327.48      | 100.00% | 30.28    | 100.00% | 30.28   | 1327.48      | 100.00% |
| LOSA ALIGERADA   | m³                     | 19.84   | 500.62           | 9928.36     | 19.84                 | 100.00% | 9928.36      | 100.00% | 19.84    | 100.00% | 19.84   | 9928.36      | 100.00% |
| MORTERO FC= 210 NOXOM - LOSA ALIGERADA   | kg                     | 1058.19 | 5.35             | 5641.27     | 1058.19               | 100.00% | 5641.27      | 100.00% | 1058.19  | 100.00% | 1058.19 | 5641.27      | 100.00% |
| FIERRO CORRUGADO Ø 127, fy=4200 kg/cm²   | kg                     | 287.14  | 6.03             | 1731.28     | 287.14                | 100.00% | 1731.28      | 100.00% | 287.14   | 100.00% | 287.14  | 1731.28      | 100.00% |
| ESTRIBOS DE FIERRO LISO Ø 5/8", fy=4200 kg/cm²   | kg                     | 191.85  | 43.84            | 8410.70     | 191.85                | 100.00% | 8410.70      | 100.00% | 191.85   | 100.00% | 191.85  | 8410.70      | 100.00% |
| BLOQUES DE TECOPOR DE 0.30 x 0.15 x 1.20m.   | m²                     | 142.68  | 25.20            | 3616.72     | 142.68                | 100.00% | 3616.72      | 100.00% | 142.68   | 100.00% | 142.68  | 3616.72      | 100.00% |
| ESCALERA   | m³                     | 1.93    | 502.12           | 969.09      | 1.93                  | 100.00% | 969.09       | 100.00% | 1.93     | 100.00% | 1.93    | 969.09       | 100.00% |
| MORTERO FC= 210 NOXOM - ESCALERA   | kg                     | 84.29   | 5.35             | 451.46      | 84.29                 | 100.00% | 451.46       | 100.00% | 84.29    | 100.00% | 84.29   | 451.46       | 100.00% |
| FIERRO CORRUGADO Ø 127, fy=4200 kg/cm²   | kg                     | 6.48    | 50.75            | 329.82      | 6.48                  | 100.00% | 329.82       | 100.00% | 6.48     | 100.00% | 6.48    | 329.82       | 100.00% |
| ENCOFRADO Y DESENCOFRADO   | m²                     | 4.09    | 501.27           | 2050.61     | 4.09                  | 100.00% | 2050.61      | 100.00% | 4.09     | 100.00% | 4.09    | 2050.61      | 100.00% |
| RAMPA DE ACERO   | kg                     | 165.20  | 5.35             | 881.82      | 165.20                | 100.00% | 881.82       | 100.00% | 165.20   | 100.00% | 165.20  | 881.82       | 100.00% |
| ZAPATAS  | m³                     | 0.87    | 590.67           | 514.94      | 0.87                  | 100.00% | 514.94       | 100.00% | 0.87     | 100.00% | 0.87    | 514.94       | 100.00% |
| MORTERO FC= 210 NOXOM - ZAPATAS  | kg                     | 185.20  | 5.35             | 996.17      | 185.20                | 100.00% | 996.17       | 100.00% | 185.20   | 100.00% | 185.20  | 996.17       | 100.00% |
| FIERRO CORRUGADO Ø 127, fy=4200 kg/cm²   | kg                     | 69.22   | 5.35             | 370.33      | 69.22                 | 100.00% | 370.33       | 100.00% | 69.22    | 100.00% | 69.22   | 370.33       | 100.00% |
| COLUMNAS   | m³                     | 14.30   | 53.91            | 770.91      | 14.30                 | 100.00% | 770.91       | 100.00% | 14.30    | 100.00% | 14.30   | 770.91       | 100.00% |
| MORTERO FC= 210 NOXOM - COLUMNAS   | kg                     | 8.97    | 508.17           | 4549.04     | 8.97                  | 100.00% | 4549.04      | 100.00% | 8.97     | 100.00% | 8.97    | 4549.04      | 100.00% |
| ESTRIBOS DE FIERRO CORRUGADO Ø 3/8", fy=4200 kg/cm²  | kg                     | 12.90   | 5.35             | 69.02       | 12.90                 | 100.00% | 69.02        | 100.00% | 12.90    | 100.00% | 12.90   | 69.02        | 100.00% |
| ENCOFRADO Y DESENCOFRADO   | m²                     | 4.65    | 52.75            | 245.29      | 4.65                  | 100.00% | 245.29       | 100.00% | 4.65     | 100.00% | 4.65    | 245.29       | 100.00% |
| LOGA MACISA PARA RAMPA   | m³                     | 4.88    | 521.82           | 2548.48     | 4.88                  | 100.00% | 2548.48      | 100.00% | 4.88     | 100.00% | 4.88    | 2548.48      | 100.00% |
| MORTERO FC= 210 kg/cm²   | kg                     | 441.03  | 5.35             | 2359.51     | 441.03                | 100.00% | 2359.51      | 100.00% | 441.03   | 100.00% | 441.03  | 2359.51      | 100.00% |
| ENCOFRADO Y DESENCOFRADO   | m²                     | 41.85   | 43.84            | 1834.70     | 41.85                 | 100.00% | 1834.70      | 100.00% | 41.85    | 100.00% | 41.85   | 1834.70      | 100.00% |
| BARANADA DE F DE 2" x 2" PARA RAMPA  | m²                     | 205.68  | 26.89            | 5517.58     | 205.68                | 100.00% | 5517.58      | 100.00% | 205.68   | 100.00% | 205.68  | 5517.58      | 100.00% |
| MEZA DE MORTERO  | m³                     | 0.36    | 521.82           | 187.86      | 0.36                  | 100.00% | 187.86       | 100.00% | 0.36     | 100.00% | 0.36    | 187.86       | 100.00% |
| MORTERO FC= 210 kg/cm²   | kg                     | 53.09   | 5.35             | 283.55      | 53.09                 | 100.00% | 283.55       | 100.00% | 53.09    | 100.00% | 53.09   | 283.55       | 100.00% |
| ENCOFRADO Y DESENCOFRADO   | m²                     | 5.56    | 52.75            | 293.29      | 5.56                  | 100.00% | 293.29       | 100.00% | 5.56     | 100.00% | 5.56    | 293.29       | 100.00% |
| ESTRUCTURA METALICA  | und                    | 4.00    | 3,324.03         | 13,299.72   | 4.00                  | 100.00% | 13,299.72    | 100.00% | 4.00     | 100.00% | 4.00    | 13,299.72    | 100.00% |
| COBERTURA DE TECHO   | m²                     | 306.87  | 295.32           | 91,216.49   | 306.87                | 100.00% | 91,216.49    | 100.00% | 306.87   | 100.00% | 306.87  | 91,216.49    | 100.00% |
| COBERTURA DE PANEL TERMOACUSTICO LAMINA DE ACERO CON NUCLEO DE ESPUMA RIGIDA DE POLIURETANO DE ALTA DENSIDAD e=2.5mm | m                      | 179.28  | 69.57            | 12,474.67   | 179.28                | 100.00% | 12,474.67    | 100.00% | 179.28   | 100.00% | 179.28  | 12,474.67    | 100.00% |
| CORREAS METALICAS CUNDRAS DE 2" x 4"   | ML                     | 98.85   | 79.81            | 7,879.37    | 98.85                 | 100.00% | 7,879.37     | 100.00% | 98.85    | 100.00% | 98.85   | 7,879.37     | 100.00% |
| CORREAS METALICAS ANCLAJE DE 2" x 2" x 1.5mm. PARA CIELO RASO  | m                      | 31.56   | 26.80            | 846.80      | 31.56                 | 100.00% | 846.80       | 100.00% | 31.56    | 100.00% | 31.56   | 846.80       | 100.00% |
| CUBREPERA DE PLANCHA TERMOACUSTICO   | m                      | 179.92  | 4,821.88         | 865,807.00  | 179.92                | 100.00% | 865,807.00   | 100.00% | 179.92   | 100.00% | 179.92  | 865,807.00   | 100.00% |
| FRISO DE PLANCHA FINISO e=0.30mm. INSULTE LISTONES DE 2" x 2"  | m                      | 58.82   | 41.48            | 2,439.85    | 58.82                 | 100.00% | 2,439.85     | 100.00% | 58.82    | 100.00% | 58.82   | 2,439.85     | 100.00% |
| CANALERA DE ENCAJONADO PLUMAL elemento de sajclon  | m                      | 63.82   | 59.46            | 3,797.61    | 63.82                 | 100.00% | 3,797.61     | 100.00% | 63.82    | 100.00% | 63.82   | 3,797.61     | 100.00% |
| CAÑALERA DE ENCAJONADO PLUMAL elemento de sajclon  | m                      | 64.40   | 78.29            | 5,046.37    | 64.40                 | 100.00% | 5,046.37     | 100.00% | 64.40    | 100.00% | 64.40   | 5,046.37     | 100.00% |
| MAQUINARIA   | m                      | 268.08  | 48.97            | 13,029.94   | 268.08                | 100.00% | 13,029.94    | 100.00% | 268.08   | 100.00% | 268.08  | 13,029.94    | 100.00% |
| BARRANDA DE MAMPUESTERA DE LADRILLO TUBULAR DE CANTO   | m²                     | 39.62   | 46.87            | 1,847.19    | 39.62                 | 100.00% | 1,847.19     | 100.00% | 39.62    | 100.00% | 39.62   | 1,847.19     | 100.00% |
| REVOQUES Y ENLUCIDOS   | m²                     | 488.49  | 25.47            | 12,438.54   | 488.49                | 100.00% | 12,438.54    | 100.00% | 488.49   | 100.00% | 488.49  | 12,438.54    | 100.00% |
| TAPABLANCO PINTADO EN MUROS INTERIOR Y EXTERIOR e=1.5cm. ca 1.5  | m²                     |         |                  |             |                       |         |              |         |          |         |         |              |         |

ING. FELIX ANTONIO PARRALES  
MOP

CONSORCIO ATENAS 2020  
LIC. ADRIAN HILBERTZ/DR. ALVARO RIVAS  
APODERADO COMUN

FORMULA UNICA  
VALORIZACION DE OBRA N° 05 - MARZO 2021

VALOR REFERENCIAL EN US\$  
MONTO CONTRATADO EN US\$

VALOR REFERENCIAL EN US\$  
MONTO CONTRATADO EN US\$

MEMORANDO DE LOS SERVIDORES TECNICO PRIMARIA DEL AREA P.M.P. ENTORNO A LA COMARCA DE ARENAS, DISTRITO DE PAMPAS - LORETO - PERU  
CONSORCIO ATENAS 2020  
RIP: VICTOR ORLANDO DE LA VALLA AGUILA

TESTA  
21 DE OBRAS  
14

| DESCRIPCION   | PRESUPUESTO CONTRATADO |         |                  | VALORIZACIONES ACTUAL |              |         | BALDO   |              |         |
|---|------------------------|---------|------------------|-----------------------|--------------|---------|---------|--------------|---------|
|   | UNIDAD                 | METRADO | P. UNITARIO (S/) | METRADO               | PARCIAL (S/) | %       | METRADO | PARCIAL (S/) | %       |
| TARRAJEO FROTADO EN BARRANDAS DE MAMPONERA DE LA RED TUBULAR DE CANTO   | m2                     | 319.04  | 26.47            | 319.04                | 2,323.12     | 100.00% | 319.04  | 2,323.12     | 100.00% |
| TARRAJEO FROTADO EN FONDO DE LOSA ALBERGADA s = 15cm. ca 15   | m2                     | 224.37  | 28.22            | 224.37                | 10,397.96    | 100.00% | 224.37  | 10,397.96    | 100.00% |
| TARRAJEO FROTADO EN FONDO DE LOSA ALBERGADA s = 15cm. ca 15   | m2                     | 36.46   | 20.67            | 36.46                 | 754.04       | 100.00% | 36.46   | 754.04       | 100.00% |
| VESTIDURA DE DESBARRAS s = 15cm CEMENTO ARENA 1:5 EN PUERTAS Y VENTANAS   | m                      | 104.05  | 17.81            | 104.05                | 3,476.40     | 100.00% | 104.05  | 3,476.40     | 100.00% |
| REVESTIMIENTO DE ESCALERA s = 1" MORTERO 1:5  | m2                     | 11.78   | 18.23            | 11.78                 | 214.93       | 100.00% | 11.78   | 214.93       | 100.00% |
| BARRAS DE HIERRO INTERIORES   | m                      | 406.95  | 2.30             | 406.95                | 935.12       | 100.00% | 406.95  | 935.12       | 100.00% |
| ENCHAPES DE MAYOLICA Y CONTRAZOCCALOS DE CEMENTO  | m2                     | 36.46   | 165.19           | 36.46                 | 3,837.33     | 100.00% | 36.46   | 3,837.33     | 100.00% |
| ENCHAPES DE MAYOLICA 0.40 x 0.40 BLANCA NACIONAL EN SS.HH.  | m                      | 20.30   | 19.36            | 20.30                 | 594.83       | 100.00% | 20.30   | 594.83       | 100.00% |
| CONTRAZOCCALO DE CEMENTO H = 30 cm MORTERO 1:5  | m2                     | 7.25    | 83.21            | 7.25                  | 187.22       | 100.00% | 7.25    | 187.22       | 100.00% |
| FALSO PISO s = 4" molino 1:5 (c.a.) MORTERO 1:8 CA EN BASE DE COLUMNA DE TANQUE ELEVADO   | m2                     | 13.09   | 38.83            | 13.09                 | 507.90       | 100.00% | 13.09   | 507.90       | 100.00% |
| CONTRAZOCCALO DE CEMENTO s = 2mm  | m2                     | 13.09   | 68.08            | 13.09                 | 893.49       | 100.00% | 13.09   | 893.49       | 100.00% |
| PISO DE CEMENTO PULIDO BRUADO s = 1" molino 1:2, Inc. 6% dispersados  | m2                     | 190.27  | 23.72            | 190.27                | 4,513.20     | 100.00% | 190.27  | 4,513.20     | 100.00% |
| PISO PALLIDO s = 4" molino 1:2 ca   | m2                     | 2.16    | 38.45            | 2.16                  | 83.05        | 100.00% | 2.16    | 83.05        | 100.00% |
| BARRAS EN PISO INTERIORES Y EXTERIORES  | m                      | 2.65    | 31.34            | 2.65                  | 82.45        | 100.00% | 2.65    | 82.45        | 100.00% |
| CARPINTERIA DE MADERA Y METALICA  | m                      | 162.00  | 2.38             | 162.00                | 387.51       | 100.00% | 162.00  | 387.51       | 100.00% |
| PUERTAS   | m2                     | 21.10   | 322.65           | 21.10                 | 6,807.82     | 100.00% | 21.10   | 6,807.82     | 100.00% |
| PUERTA (P-1, P-2 Y P-3) MACHIEBRADA DE MADERA CERRIO O SIMILAR, INCLUYE MARCOS, BASTIDORES Y COLOCACION   | m2                     | 21.10   | 322.65           | 21.10                 | 6,807.82     | 100.00% | 21.10   | 6,807.82     | 100.00% |
| VENTANAS  | m2                     | 68.54   | 120.56           | 68.54                 | 8,600.88     | 100.00% | 68.54   | 8,600.88     | 100.00% |
| VENTANAS (V-1, V-2, V-3, V-4, V-5, V-6, V-7, V-8, V-9, V-10, V-11, V-12, V-13, V-14, V-15, V-16, V-17, V-18, V-19, V-20, V-21, V-22, V-23, V-24, V-25, V-26, V-27, V-28, V-29, V-30, V-31, V-32, V-33, V-34, V-35, V-36, V-37, V-38, V-39, V-40, V-41, V-42, V-43, V-44, V-45, V-46, V-47, V-48, V-49, V-50, V-51, V-52, V-53, V-54, V-55, V-56, V-57, V-58, V-59, V-60, V-61, V-62, V-63, V-64, V-65, V-66, V-67, V-68, V-69, V-70, V-71, V-72, V-73, V-74, V-75, V-76, V-77, V-78, V-79, V-80, V-81, V-82, V-83, V-84, V-85, V-86, V-87, V-88, V-89, V-90, V-91, V-92, V-93, V-94, V-95, V-96, V-97, V-98, V-99, V-100) | m2                     | 68.54   | 120.56           | 68.54                 | 8,600.88     | 100.00% | 68.54   | 8,600.88     | 100.00% |
| MOCOSOTERO PLASTICO   | m2                     | 1.00    | 2,019.58         | 1.00                  | 2,019.58     | 100.00% | 1.00    | 2,019.58     | 100.00% |
| CAJETA  | m2                     | 1.00    | 2,019.58         | 1.00                  | 2,019.58     | 100.00% | 1.00    | 2,019.58     | 100.00% |
| CAJETA PARA FILTRO DE FIERRO CORRUGADO 8"-10" Y 8"-30", INCLUYE PINTURA DE CAJETA, PUERTA DE FIERRO Y TECHADO CON CANAMBA   | m2                     | 1.00    | 2,019.58         | 1.00                  | 2,019.58     | 100.00% | 1.00    | 2,019.58     | 100.00% |
| CHAPA EN PUERTA (P-1 Y P-2) EXTERIOR DE 63 COLPES   | und                    | 5.00    | 166.02           | 5.00                  | 780.10       | 100.00% | 5.00    | 780.10       | 100.00% |
| CERRADURA EN PUERTAS (P-1 Y P-2) PARA INTERIORES TIPO EPOLOCK CON LLAVE EXTERIOR Y SEGURO DE PERSIA   | und                    | 6.00    | 37.51            | 6.00                  | 225.06       | 100.00% | 6.00    | 225.06       | 100.00% |
| MANUA METALICA PARA PUERTAS (P-1 Y P-2)   | und                    | 7.00    | 41.30            | 7.00                  | 289.10       | 100.00% | 7.00    | 289.10       | 100.00% |
| BISAGRAS ALUMINUMAS 3 1/2" x 3 1/2"   | PAR                    | 15.00   | 16.07            | 15.00                 | 241.05       | 100.00% | 15.00   | 241.05       | 100.00% |
| PINTURAS  | m2                     | 482.01  | 16.07            | 482.01                | 7,744.50     | 100.00% | 482.01  | 7,744.50     | 100.00% |
| PINTURA LATEX 02 MANOS EN MUROS INTERIORES Y EXTERIORES   | m2                     | 368.43  | 13.86            | 368.43                | 5,101.49     | 100.00% | 368.43  | 5,101.49     | 100.00% |
| PINTURA LATEX EN CIERRO RASO DE FLOTAMIENTO A 02 MANOS  | m2                     | 68.25   | 15.83            | 68.25                 | 1,080.85     | 100.00% | 68.25   | 1,080.85     | 100.00% |
| PINTURA ESMALTE EN CONTRAZOCCALO DE CEMENTO DOS MANOS   | m2                     | 29.30   | 14.01            | 29.30                 | 410.49       | 100.00% | 29.30   | 410.49       | 100.00% |
| BARRAS EN PUERTAS Y MARCOS DE VENTANAS A 02 MANOS   | m2                     | 71.48   | 11.71            | 71.48                 | 837.03       | 100.00% | 71.48   | 837.03       | 100.00% |
| APARATOS SANITARIOS   | und                    | 4.00    | 282.61           | 4.00                  | 1,130.44     | 100.00% | 4.00    | 1,130.44     | 100.00% |
| INODORO TANQUE BLANCO, INCLUYE SUMINISTRO Y COLOCACION  | und                    | 4.00    | 282.61           | 4.00                  | 1,130.44     | 100.00% | 4.00    | 1,130.44     | 100.00% |
| PAPELERA DE LOSELOR BLANCO, EMPOTRADO   | und                    | 4.00    | 46.63            | 4.00                  | 186.52       | 100.00% | 4.00    | 186.52       | 100.00% |
| GRIFO DE BRONCE 8" = 10", INCLUYE COLOCACION  | und                    | 4.00    | 53.32            | 4.00                  | 213.28       | 100.00% | 4.00    | 213.28       | 100.00% |
| LAVATORIO CORRIDO DE MORTERO CON FIERRO CORRUGADO DE 8"-20" REVESTIDO CON MAYOLICA BLANCA   | und                    | 1.00    | 330.72           | 1.00                  | 330.72       | 100.00% | 1.00    | 330.72       | 100.00% |
| LAVADERO DE ACERO INMOVILIZABLE DE 1 POZA INC. GRIFERIA   | und                    | 1.00    | 207.22           | 1.00                  | 207.22       | 100.00% | 1.00    | 207.22       | 100.00% |
| SISTEMA Y ACCESORIOS DE DESBARRIE   | und                    | 1.00    | 303.03           | 1.00                  | 303.03       | 100.00% | 1.00    | 303.03       | 100.00% |
| CODO DE 90° 2" x 1/2" PVC-SAL   | und                    | 5.00    | 12.74            | 5.00                  | 63.70        | 100.00% | 5.00    | 63.70        | 100.00% |
| TEE DE 2" x 1/2" PVC-SAL  | und                    | 2.00    | 14.82            | 2.00                  | 29.64        | 100.00% | 2.00    | 29.64        | 100.00% |
| TEE DE 2" x 2" PVC-SAL  | und                    | 2.00    | 31.43            | 2.00                  | 62.86        | 100.00% | 2.00    | 62.86        | 100.00% |
| TEE DE 2" x 4" PVC-SAL  | und                    | 1.00    | 39.93            | 1.00                  | 39.93        | 100.00% | 1.00    | 39.93        | 100.00% |
| SALIDA DE VENTILACION PVC-SAL DE 6"-7"  | alo                    | 3.00    | 58.34            | 3.00                  | 175.02       | 100.00% | 3.00    | 175.02       | 100.00% |
| SALIDA DE DESBARRIE 8"-4" EN ZONA DE INODOROS   | alo                    | 4.00    | 103.31           | 4.00                  | 413.24       | 100.00% | 4.00    | 413.24       | 100.00% |
| RED DE DESBARRIE 8"-7" EN ZONA DE LAVADEROS   | alo                    | 5.00    | 72.09            | 5.00                  | 360.45       | 100.00% | 5.00    | 360.45       | 100.00% |
| RED DE DESBARRIE DE 8"-4" PVC-SAL, SUMINISTRO E INSTALACION   | m                      | 24.00   | 24.48            | 24.00                 | 587.04       | 100.00% | 24.00   | 587.04       | 100.00% |
| RED DE DESBARRIE DE 8"-2" PVC-SAL, SUMINISTRO E INSTALACION   | el                     | 29.00   | 16.84            | 29.00                 | 491.26       | 100.00% | 29.00   | 491.26       | 100.00% |

CONSORCIO ATENAS 2020  
LIC. GONZALO HILBERT VILLAN RIVAS  
APODERADO GONZ.

FORMULA UNICA  
VALORIZACION DE OBRA N° 05 - MARZO 2021

VALOR REFERENCIAL ENERO  
VALOR CONTRATADO SIN IVA

| CANTIDAD | UNIDAD | PREPROYECTO CONTRATADO |                   |              | VALORIZACIONES |              |         | ACUMULADO |              |         | BALDO   |              |         |
|----------|--------|------------------------|-------------------|--------------|----------------|--------------|---------|-----------|--------------|---------|---------|--------------|---------|
|          |        | METRADO                | P. LIQUIDADO (\$) | PANORAL (\$) | METRADO        | PARCIAL (\$) | %       | METRADO   | PARCIAL (\$) | %       | METRADO | PARCIAL (\$) | %       |
| 7.00     | und    | 55.35                  | 387.45            | 387.45       | 7.00           | 387.45       | 100.00% | 7.00      | 387.45       | 100.00% | 7.00    | 387.45       | 100.00% |
| 4.00     | und    | 59.00                  | 236.00            | 236.00       | 4.00           | 236.00       | 100.00% | 4.00      | 236.00       | 100.00% | 4.00    | 236.00       | 100.00% |
| 3.00     | und    | 562.46                 | 1,687.38          | 1,687.38     | 3.00           | 1,687.38     | 100.00% | 3.00      | 1,687.38     | 100.00% | 3.00    | 1,687.38     | 100.00% |
| 10.00    | plb    | 70.84                  | 708.40            | 708.40       | 10.00          | 708.40       | 100.00% | 10.00     | 708.40       | 100.00% | 10.00   | 708.40       | 100.00% |
| 58.00    | m      | 16.90                  | 978.20            | 1,056.20     | 68.00          | 1,056.20     | 100.00% | 68.00     | 1,056.20     | 100.00% | 68.00   | 1,056.20     | 100.00% |
| 40.00    | m      | 25.00                  | 1,000.00          | 1,000.00     | 40.00          | 1,000.00     | 100.00% | 40.00     | 1,000.00     | 100.00% | 40.00   | 1,000.00     | 100.00% |
| 4.00     | und    | 65.03                  | 260.12            | 260.12       | 4.00           | 260.12       | 100.00% | 4.00      | 260.12       | 100.00% | 4.00    | 260.12       | 100.00% |
| 1.00     | und    | 103.38                 | 103.38            | 103.38       | 1.00           | 103.38       | 100.00% | 1.00      | 103.38       | 100.00% | 1.00    | 103.38       | 100.00% |
| 30.00    | und    | 18.13                  | 543.90            | 543.90       | 30.00          | 543.90       | 100.00% | 30.00     | 543.90       | 100.00% | 30.00   | 543.90       | 100.00% |
| 12.00    | und    | 19.55                  | 234.60            | 234.60       | 12.00          | 234.60       | 100.00% | 12.00     | 234.60       | 100.00% | 12.00   | 234.60       | 100.00% |
| 11.00    | und    | 18.23                  | 200.53            | 200.53       | 11.00          | 200.53       | 100.00% | 11.00     | 200.53       | 100.00% | 11.00   | 200.53       | 100.00% |
| 1.00     | und    | 42.73                  | 42.73             | 42.73        | 1.00           | 42.73        | 100.00% | 1.00      | 42.73        | 100.00% | 1.00    | 42.73        | 100.00% |
| 1.00     | und    | 738.97                 | 738.97            | 738.97       | 1.00           | 738.97       | 100.00% | 1.00      | 738.97       | 100.00% | 1.00    | 738.97       | 100.00% |
| 1.00     | und    | 2,624.08               | 2,624.08          | 2,624.08     | 1.00           | 2,624.08     | 100.00% | 1.00      | 2,624.08     | 100.00% | 1.00    | 2,624.08     | 100.00% |
| 9.10     | m2     | 1.80                   | 16.38             | 16.38        | 9.10           | 16.38        | 100.00% | 9.10      | 16.38        | 100.00% | 9.10    | 16.38        | 100.00% |
| 9.10     | m2     | 1.96                   | 17.84             | 17.84        | 9.10           | 17.84        | 100.00% | 9.10      | 17.84        | 100.00% | 9.10    | 17.84        | 100.00% |
| 1.65     | m3     | 38.56                  | 71.37             | 71.37        | 1.65           | 71.37        | 100.00% | 1.65      | 71.37        | 100.00% | 1.65    | 71.37        | 100.00% |
| 3.10     | m3     | 38.56                  | 119.60            | 119.60       | 3.10           | 119.60       | 100.00% | 3.10      | 119.60       | 100.00% | 3.10    | 119.60       | 100.00% |
| 1.11     | m3     | 19.08                  | 21.82             | 21.82        | 1.11           | 21.82        | 100.00% | 1.11      | 21.82        | 100.00% | 1.11    | 21.82        | 100.00% |
| 0.74     | m3     | 194.37                 | 77.23             | 77.23        | 0.74           | 77.23        | 100.00% | 0.74      | 77.23        | 100.00% | 0.74    | 77.23        | 100.00% |
| 1.82     | m3     | 1,046.75               | 1,820.00          | 1,820.00     | 1.82           | 1,820.00     | 100.00% | 1.82      | 1,820.00     | 100.00% | 1.82    | 1,820.00     | 100.00% |
| 0.32     | m3     | 131.13                 | 41.96             | 41.96        | 0.32           | 41.96        | 100.00% | 0.32      | 41.96        | 100.00% | 0.32    | 41.96        | 100.00% |
| 4.83     | m3     | 16.88                  | 81.53             | 81.53        | 4.83           | 81.53        | 100.00% | 4.83      | 81.53        | 100.00% | 4.83    | 81.53        | 100.00% |
| 1.81     | m3     | 669.62                 | 669.62            | 669.62       | 1.81           | 669.62       | 100.00% | 1.81      | 669.62       | 100.00% | 1.81    | 669.62       | 100.00% |
| 163.76   | kg     | 5.35                   | 876.12            | 876.12       | 163.76         | 876.12       | 100.00% | 163.76    | 876.12       | 100.00% | 163.76  | 876.12       | 100.00% |
| 26.47    | m2     | 62.75                  | 1,295.29          | 1,295.29     | 26.47          | 1,295.29     | 100.00% | 26.47     | 1,295.29     | 100.00% | 26.47   | 1,295.29     | 100.00% |
| 14.59    | m2     | 40.66                  | 613.51            | 613.51       | 14.59          | 613.51       | 100.00% | 14.59     | 613.51       | 100.00% | 14.59   | 613.51       | 100.00% |
| 14.71    | m      | 33.78                  | 585.16            | 585.16       | 14.71          | 585.16       | 100.00% | 14.71     | 585.16       | 100.00% | 14.71   | 585.16       | 100.00% |
| 6.00     | m      | 338.95                 | 2,031.30          | 2,031.30     | 6.00           | 2,031.30     | 100.00% | 6.00      | 2,031.30     | 100.00% | 6.00    | 2,031.30     | 100.00% |
| 1.00     | und    | 67.4                   | 57.40             | 57.40        | 1.00           | 57.40        | 100.00% | 1.00      | 57.40        | 100.00% | 1.00    | 57.40        | 100.00% |
| 1.00     | und    | 37.18                  | 37.18             | 37.18        | 1.00           | 37.18        | 100.00% | 1.00      | 37.18        | 100.00% | 1.00    | 37.18        | 100.00% |
| 3.09     | und    | 49.33                  | 156.69            | 156.69       | 3.09           | 156.69       | 100.00% | 3.09      | 156.69       | 100.00% | 3.09    | 156.69       | 100.00% |
| 2.00     | und    | 40.83                  | 81.66             | 81.66        | 2.00           | 81.66        | 100.00% | 2.00      | 81.66        | 100.00% | 2.00    | 81.66        | 100.00% |
| 1.00     | und    | 42.11                  | 42.11             | 42.11        | 1.00           | 42.11        | 100.00% | 1.00      | 42.11        | 100.00% | 1.00    | 42.11        | 100.00% |
| 20.00    | plb    | 65.71                  | 1,511.33          | 1,511.33     | 20.00          | 1,511.33     | 100.00% | 20.00     | 1,511.33     | 100.00% | 20.00   | 1,511.33     | 100.00% |
| 9.00     | und    | 123.22                 | 1,109.58          | 1,109.58     | 9.00           | 1,109.58     | 100.00% | 9.00      | 1,109.58     | 100.00% | 9.00    | 1,109.58     | 100.00% |
| 6.00     | und    | 22.33                  | 131.98            | 131.98       | 6.00           | 131.98       | 100.00% | 6.00      | 131.98       | 100.00% | 6.00    | 131.98       | 100.00% |
| 26.63    | und    | 26.63                  | 78.69             | 78.69        | 26.63          | 78.69        | 100.00% | 26.63     | 78.69        | 100.00% | 26.63   | 78.69        | 100.00% |
| 224.88   | m      | 9.52                   | 2,141.81          | 2,141.81     | 224.88         | 2,141.81     | 100.00% | 224.88    | 2,141.81     | 100.00% | 224.88  | 2,141.81     | 100.00% |
| 65.50    | m      | 16.18                  | 707.51            | 707.51       | 65.50          | 707.51       | 100.00% | 65.50     | 707.51       | 100.00% | 65.50   | 707.51       | 100.00% |
| 21.00    | und    | 43.31                  | 907.13            | 907.13       | 21.00          | 907.13       | 100.00% | 21.00     | 907.13       | 100.00% | 21.00   | 907.13       | 100.00% |
| 1.00     | und    | 2,522.30               | 2,522.30          | 2,522.30     | 1.00           | 2,522.30     | 100.00% | 1.00      | 2,522.30     | 100.00% | 1.00    | 2,522.30     | 100.00% |
| 1.00     | und    | 259.55                 | 259.55            | 259.55       | 1.00           | 259.55       | 100.00% | 1.00      | 259.55       | 100.00% | 1.00    | 259.55       | 100.00% |
| 1.00     | und    | 664.81                 | 664.81            | 664.81       | 1.00           | 664.81       | 100.00% | 1.00      | 664.81       | 100.00% | 1.00    | 664.81       | 100.00% |
| 1.00     | und    | 338.00                 | 338.00            | 338.00       | 1.00           | 338.00       | 100.00% | 1.00      | 338.00       | 100.00% | 1.00    | 338.00       | 100.00% |
| 1.00     | und    | 3,115.69               | 3,115.69          | 3,115.69     | 1.00           | 3,115.69     | 100.00% | 1.00      | 3,115.69     | 100.00% | 1.00    | 3,115.69     | 100.00% |
| 1.00     | und    | 9,096.30               | 9,096.30          | 9,096.30     | 1.00           | 9,096.30     | 100.00% | 1.00      | 9,096.30     | 100.00% | 1.00    | 9,096.30     | 100.00% |
| 1.00     | und    | 1,543.43               | 1,543.43          | 1,543.43     | 1.00           | 1,543.43     | 100.00% | 1.00      | 1,543.43     | 100.00% | 1.00    | 1,543.43     | 100.00% |

CONSORCIO ATENAS 2020  
C.A. HILBERT-SANJUAN RIVAS  
APODERADO COMUN

FORMULA UNICA  
VALORIZACION DE OBRA N° 05 - MARZO 2021

MICROEMPRESA DE LOS SERVICIOS EDUCACION PRIMARIA DE LA TEP N° 00183 EN LA COMUNIDAD DE ARENAS, DISTRITO DE PUEBLO LIBRETO - LORETO  
GOBIERNO REGIONAL DE LORETO  
CONSORCIO ATENAS 2020  
RVP VECTOR DOMINIO DE LA VA DEL AGUA

| CITA<br>AL DE OBRA | DESCRIPCION  | PRESUPUESTO CERTIFICADO |         |                     |              | ANTERIORES |              |         |         | VALORIZACIONES ACTUAL |   |         |              | VALORIZACIONES |         |              |   |       |
|--------------------|--|-------------------------|---------|---------------------|--------------|------------|--------------|---------|---------|-----------------------|---|---------|--------------|----------------|---------|--------------|---|-------|
|                    |  | UNIDAD                  | METRICO | P. CERTIFICADO (\$) | PARCIAL (\$) | METRICO    | PARCIAL (\$) | %       | METRICO | PARCIAL (\$)          | % | METRICO | PARCIAL (\$) | %              | METRICO | PARCIAL (\$) | % | SALDO |
|                    |  |                         |         |                     |              |            |              |         |         |                       |   |         |              |                |         |              |   |       |
|                    | POZO ARTESIANO   | und                     | 3.00    | 1,500.00            | 4,500.00     | 3.00       | 4,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PROSECCION PARA POZO ARTESIANO   | und                     | 1.00    | 5,500.00            | 5,500.00     | 1.00       | 5,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | CONSTRUCCION DE POZO ARTESIANO, SUMINISTRO DE ACCESORIOS E INSTALACION                   | und                     | 1.00    | 3,000.00            | 3,000.00     | 1.00       | 3,000.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | ANALISIS FISICO QUIMICO, BACTERIOLOGICO DEL AGUA DE POZO CERTIFICADO POR INACAL          | und                     | 1.00    | 3,000.00            | 3,000.00     | 1.00       | 3,000.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | MASTIL DE BANDO DE BARRAS  | m3                      | 0.54    | 474.04              | 235.66       | 0.44       | 255.66       | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | LOSAS, BASE Y PODO DE MASTIL, MORTERO 1:1 - 175 kg/m2                                    | m2                      | 1.12    | 70.28               | 78.71        | 1.12       | 78.71        | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | ENDERAZO Y DESENCHOFADO  | m2                      | 1.12    | 36.35               | 40.71        | 1.12       | 40.71        | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | REVESTIMIENTO DE LOSA Y BASE O PODO DE MASTIL  | und                     | 1.00    | 2,087.18            | 2,087.18     | 1.00       | 2,087.18     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | MASTIL DE BANDA CON TUBO P-5" DE 8"-4", 3" Y 2" P=12.00m                                 | und                     | 1.00    | 900.00              | 900.00       | 1.00       | 900.00       | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PLACA RECORDATORIA DE METAL DE 0.40 x 0.80m  | m2                      | 3.00    | 6,300.00            | 25,050.00    | 3.00       | 25,050.00    | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | ALAMBRE DE GENERADOR DE ELECTRICIDAD DE 6000W  | m2                      | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | SEGURIDAD Y SALUD  | und                     | 1.00    | 4,400.00            | 4,400.00     | 1.00       | 4,400.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | RECURSOS PARA REPUESTOS ANTE EMERGENCIAS EN SEGURIDAD Y SALUD DURANTE EL TRABAJO         | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | CAPACITACION EN SEGURIDAD Y SALUD  | und                     | 1.00    | 4,000.00            | 4,000.00     | 1.00       | 4,000.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | SEÑALIZACION TEMPORAL DE SEGURIDAD   | und                     | 1.00    | 4,000.00            | 4,000.00     | 1.00       | 4,000.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | EQUIPO DE PROTECCION PERSONAL  | und                     | 1.00    | 3,200.00            | 3,200.00     | 1.00       | 3,200.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | EQUIPO DE PROTECCION COLECTIVA   | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | OBRAS DE MITIGACION E IMPACTO AMBIENTAL  | und                     | 1.00    | 1,500.00            | 1,500.00     | 1.00       | 1,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | SERVICIO HIGIENICO   | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | SERVICIOS DE AGUA Y LUZ  | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | ELABORACION, IMPLEMENTACION Y ADMINISTRACION DEL PLAN DE SEGURIDAD Y SALUD EN EL TRABAJO | und                     | 1.00    | 7,000.00            | 7,000.00     | 1.00       | 7,000.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PROGRAMA DE MEDIDAS PREVENTIVAS, CORRECTIVAS Y MITIGACION EN LA CONSTRUCCION             | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PROGRAMA DE CONTINGENCIA EN LA ETAPA DE LA CONSTRUCCION                                  | und                     | 1.00    | 2,000.00            | 2,000.00     | 1.00       | 2,000.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PROGRAMA DE ABANDONO EN LA ETAPA DE LA CONSTRUCCION                                      | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PROGRAMA DE MANEJO DE RESIDUOS EN LA CONSTRUCCION  | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | PLAN DE MONITOREO ARQUEOLOGICO   | und                     | 1.00    | 2,500.00            | 2,500.00     | 1.00       | 2,500.00     | 100.00% |         |                       |   |         |              |                |         |              |   |       |
|                    | COSTO DIRECTO  |                         |         | 588,686.82          | 588,686.82   |            | 588,686.82   |         |         |                       |   |         |              |                |         |              |   |       |
|                    | GASTOS GENERALES   |                         |         | 11%                 | 61,469.65    |            | 61,469.65    |         |         |                       |   |         |              |                |         |              |   |       |
|                    | UTILIDAD   |                         |         | 9.30%               | 51,956.70    |            | 51,956.70    |         |         |                       |   |         |              |                |         |              |   |       |
|                    | PLAN FONDO-18  |                         |         |                     | 32,097.88    |            | 32,097.88    |         |         |                       |   |         |              |                |         |              |   |       |
|                    | EQUIPAMIENTO Y MOBILIARIO  |                         |         |                     | 39,474.00    |            | 39,474.00    |         |         |                       |   |         |              |                |         |              |   |       |
|                    | RVP  |                         |         |                     | 0.00         |            | 0.00         |         |         |                       |   |         |              |                |         |              |   |       |
|                    | TOTAL PRESUPUESTO  |                         |         |                     | 744,735.15   |            | 744,735.15   |         |         |                       |   |         |              |                |         |              |   |       |
|                    |  |                         |         |                     | 103.00%      |            | 103.00%      |         |         |                       |   |         |              |                |         |              |   |       |

7  
ING. FELIX VILGON RAMIREZ  
ING. CIVIL 1978

CONSORCIO ATENAS 2020  
LIC. ADRIAN ALBERT VILGON RAMIREZ  
ING. CIVIL 1978