

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

GENERAL ABSTRACT OF COST

| S.NO | Description | Total PC-1 AMOUNT (Pak Rs.) |
|-------------|-------------------------------------|--|
| A | ROAD WORKS | |
| 1 | EARTH WORK | |
| 2 | SUB BASE AND BASE COURSE | |
| 3 | SURFACE COURSE AND PAVEMENT | |
| B | STRUCTURES WORKS | |
| 1 | RCC Box Culverts | |
| 2 | RCC Pipe Culverts | |
| 4 | RCC wall | |
| 5 | PCC Wall | |
| 7 | PCC Parapet Walls | |
| C | ANCILLARY WORKS | |
| | SUB TOTAL (A+B+C) | |
| D | Add 4% BSTS | |
| | Total Capital Cost. (A to D) | |
| | Total in (Million) | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

**DETAIL OF
BILL#1
EARTH WORK**

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities CSR 2023

| S No | Description of items | Unit | Rate | QTY | AMOUNT |
|---|---|------|------|----------|--------|
| BILL No.1: EARTH WORK | | | | | |
| 1 | Clearing and grubbing (removal) of roots including scarifying natural ground upto 8" (20mm) depth and disposal of roots (S.i.No 21-10 b) | Sqm | | 40309.89 | |
| 2 | Preparation and compaction upto 95% modified AASHTO of natural ground upto a depth of 8" (20mm) in ordinary soil (S.i.No 21-10 a) | Sqm | | 40309.89 | |
| 3 | Excavation or cutting to a required grade, camber and side slopes including dressing top and sides and disposal of excavated material within a lift of 5ft (1.5m) and lead upto 100 ft. (30m) All Kind of Soil (S.i.No 21-1a) | Cum | | 3.88 | |
| 4 | Making earthen embankment with earth taken from approved borrow pits including cost of excavation, placing in layers not exceeding 9" (230mm) in depth including dressing top and sides of the bank within a lift of 5 ft. (1.5m) and lead upto 100 ft. (30m). (Excluding the royalty of Earth, Compaction and its carriage) | | | | |
| | Compaction of earthen embankments to full depth and width below sub-grade level by mechanical means in layers not exceeding 8" (200mm) in depth at optimum moisture content including watering and mixing by mechanical means. The sub-grade embankments shall be compacted to at least 95% modified AASHTO maximum dry density for their full depth and width. (S.i.No 21-6c+21-9) | Cum | | 38830.50 | |
| 5 | Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road | | | | |
| SUB.Total | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | |
| G.Total | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH****CG & NGC**

| Chainage | Length(m) | Left | Right | Total Width | Average Width | Area |
|-----------------|------------------|-------------|--------------|--------------------|----------------------|-------------|
| 00+000 | 0.00 | 3.120 | 3.465 | 6.585 | 0.000 | 0.000 |
| 00+025 | 25.00 | 5.275 | 5.708 | 10.983 | 8.784 | 219.600 |
| 00+050 | 25.00 | 6.985 | 6.379 | 13.364 | 12.174 | 304.338 |
| 00+075 | 25.00 | 7.015 | 5.224 | 12.239 | 12.802 | 320.038 |
| 00+100 | 25.00 | 7.038 | 7.534 | 14.572 | 13.406 | 335.138 |
| 00+125 | 25.00 | 6.969 | 7.435 | 14.404 | 14.488 | 362.200 |
| 00+150 | 25.00 | 6.890 | 5.701 | 12.591 | 13.498 | 337.438 |
| 00+175 | 25.00 | 6.414 | 7.221 | 13.635 | 13.113 | 327.825 |
| 00+200 | 25.00 | 6.150 | 6.986 | 13.136 | 13.386 | 334.638 |
| 00+225 | 25.00 | 5.849 | 5.701 | 11.550 | 12.343 | 308.575 |
| 00+250 | 25.00 | 6.696 | 8.860 | 15.556 | 13.553 | 338.825 |
| 00+275 | 25.00 | 8.672 | 5.712 | 14.384 | 14.970 | 374.250 |
| 00+300 | 25.00 | 8.286 | 5.389 | 13.675 | 14.030 | 350.738 |
| 00+325 | 25.00 | 7.883 | 5.726 | 13.609 | 13.642 | 341.050 |
| 00+350 | 25.00 | 5.534 | 6.532 | 12.066 | 12.838 | 320.938 |
| 00+375 | 25.00 | 5.550 | 6.197 | 11.747 | 11.907 | 297.663 |
| 00+400 | 25.00 | 6.671 | 6.295 | 12.966 | 12.357 | 308.913 |
| 00+425 | 25.00 | 7.103 | 6.771 | 13.874 | 13.420 | 335.500 |
| 00+450 | 25.00 | 7.362 | 6.965 | 14.327 | 14.101 | 352.513 |
| 00+475 | 25.00 | 7.243 | 6.619 | 13.862 | 14.095 | 352.363 |
| 00+500 | 25.00 | 7.203 | 7.400 | 14.603 | 14.233 | 355.813 |
| 00+525 | 25.00 | 7.230 | 7.217 | 14.447 | 14.525 | 363.125 |
| 00+550 | 25.00 | 6.959 | 6.345 | 13.304 | 13.876 | 346.888 |
| 00+575 | 25.00 | 7.384 | 6.830 | 14.214 | 13.759 | 343.975 |
| 00+600 | 25.00 | 7.280 | 6.981 | 14.261 | 14.238 | 355.938 |
| 00+625 | 25.00 | 7.143 | 6.742 | 13.885 | 14.073 | 351.825 |
| 00+650 | 25.00 | 7.567 | 6.402 | 13.969 | 13.927 | 348.175 |
| 00+675 | 25.00 | 7.656 | 7.957 | 15.613 | 14.791 | 369.775 |
| 00+700 | 25.00 | 7.682 | 8.117 | 15.799 | 15.706 | 392.650 |
| 00+725 | 25.00 | 7.192 | 8.086 | 15.278 | 15.539 | 388.463 |
| 00+750 | 25.00 | 7.528 | 7.937 | 15.465 | 15.372 | 384.288 |
| 00+775 | 25.00 | 7.091 | 7.802 | 14.893 | 15.179 | 379.475 |
| 00+800 | 25.00 | 6.638 | 7.011 | 13.649 | 14.271 | 356.775 |
| 00+825 | 25.00 | 7.301 | 6.822 | 14.123 | 13.886 | 347.150 |
| 00+850 | 25.00 | 7.132 | 7.267 | 14.399 | 14.261 | 356.525 |
| 00+875 | 25.00 | 6.157 | 6.210 | 12.367 | 13.383 | 334.575 |
| 00+900 | 25.00 | 5.180 | 5.802 | 10.982 | 11.675 | 291.863 |
| 00+925 | 25.00 | 5.841 | 7.401 | 13.242 | 12.112 | 302.800 |
| 00+950 | 25.00 | 6.735 | 7.019 | 13.754 | 13.498 | 337.450 |
| 00+975 | 25.00 | 8.135 | 6.371 | 14.506 | 14.130 | 353.250 |
| 01+000 | 25.00 | 7.861 | 5.656 | 13.517 | 14.012 | 350.288 |
| 01+025 | 25.00 | 6.274 | 6.615 | 12.889 | 13.203 | 330.075 |
| 01+050 | 25.00 | 6.358 | 6.149 | 12.507 | 12.698 | 317.450 |
| 01+075 | 25.00 | 5.026 | 5.188 | 10.214 | 11.361 | 284.013 |
| 01+100 | 25.00 | 6.198 | 4.659 | 10.857 | 10.536 | 263.388 |
| 01+125 | 25.00 | 2.810 | 4.685 | 7.495 | 9.176 | 229.400 |
| 01+150 | 25.00 | 3.038 | 4.548 | 7.586 | 7.541 | 188.513 |
| 01+175 | 25.00 | 5.732 | 4.568 | 10.300 | 8.943 | 223.575 |
| 01+200 | 25.00 | 4.981 | 4.643 | 9.624 | 9.962 | 249.050 |
| 01+225 | 25.00 | 4.568 | 4.182 | 8.750 | 9.187 | 229.675 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH****CG & NGC**

| Chainage | Length(m) | Left | Right | Total Width | Average Width | Area |
|-----------------|------------------|-------------|--------------|--------------------|----------------------|-------------|
| 01+250 | 25.00 | 4.614 | 3.518 | 8.132 | 8.441 | 211.025 |
| 01+275 | 25.00 | 5.513 | 5.950 | 11.463 | 9.798 | 244.938 |
| 01+300 | 25.00 | 5.602 | 5.501 | 11.103 | 11.283 | 282.075 |
| 01+325 | 25.00 | 5.733 | 5.203 | 10.936 | 11.020 | 275.488 |
| 01+350 | 25.00 | 6.263 | 6.017 | 12.280 | 11.608 | 290.200 |
| 01+375 | 25.00 | 6.660 | 7.518 | 14.178 | 13.229 | 330.725 |
| 01+400 | 25.00 | 6.619 | 7.195 | 13.814 | 13.996 | 349.900 |
| 01+425 | 25.00 | 6.137 | 7.198 | 13.335 | 13.575 | 339.363 |
| 01+450 | 25.00 | 7.248 | 7.815 | 15.063 | 14.199 | 354.975 |
| 01+475 | 25.00 | 6.188 | 8.196 | 14.384 | 14.724 | 368.088 |
| 01+500 | 25.00 | 6.118 | 8.325 | 14.443 | 14.414 | 360.338 |
| 01+525 | 25.00 | 5.426 | 6.235 | 11.661 | 13.052 | 326.300 |
| 01+550 | 25.00 | 5.115 | 5.001 | 10.116 | 10.889 | 272.213 |
| 01+575 | 25.00 | 4.837 | 5.249 | 10.086 | 10.101 | 252.525 |
| 01+600 | 25.00 | 4.671 | 4.605 | 9.276 | 9.681 | 242.025 |
| 01+625 | 25.00 | 5.153 | 5.545 | 10.698 | 9.987 | 249.675 |
| 01+650 | 25.00 | 5.493 | 5.679 | 11.172 | 10.935 | 273.375 |
| 01+675 | 25.00 | 5.589 | 5.596 | 11.185 | 11.179 | 279.463 |
| 01+700 | 25.00 | 5.461 | 5.886 | 11.347 | 11.266 | 281.650 |
| 01+725 | 25.00 | 5.516 | 5.942 | 11.458 | 11.403 | 285.063 |
| 01+750 | 25.00 | 5.808 | 5.604 | 11.412 | 11.435 | 285.875 |
| 01+775 | 25.00 | 5.487 | 5.310 | 10.797 | 11.105 | 277.613 |
| 01+800 | 25.00 | 5.322 | 4.979 | 10.301 | 10.549 | 263.725 |
| 01+825 | 25.00 | 5.400 | 4.356 | 9.756 | 10.029 | 250.713 |
| 01+850 | 25.00 | 5.544 | 5.238 | 10.782 | 10.269 | 256.725 |
| 01+875 | 25.00 | 5.847 | 5.467 | 11.314 | 11.048 | 276.200 |
| 01+900 | 25.00 | 5.820 | 5.698 | 11.518 | 11.416 | 285.400 |
| 01+925 | 25.00 | 5.922 | 5.889 | 11.811 | 11.665 | 291.613 |
| 01+950 | 25.00 | 6.381 | 6.317 | 12.698 | 12.255 | 306.363 |
| 01+975 | 25.00 | 6.531 | 6.183 | 12.714 | 12.706 | 317.650 |
| 02+000 | 25.00 | 6.181 | 5.636 | 11.817 | 12.266 | 306.638 |
| 02+025 | 25.00 | 6.381 | 6.086 | 12.467 | 12.142 | 303.550 |
| 02+050 | 25.00 | 6.246 | 5.170 | 11.416 | 11.942 | 298.538 |
| 02+075 | 25.00 | 5.982 | 5.199 | 11.181 | 11.299 | 282.463 |
| 02+100 | 25.00 | 4.738 | 4.714 | 9.452 | 10.317 | 257.913 |
| 02+125 | 25.00 | 5.334 | 5.793 | 11.127 | 10.290 | 257.238 |
| 02+150 | 25.00 | 4.544 | 5.627 | 10.171 | 10.649 | 266.225 |
| 02+175 | 25.00 | 4.039 | 5.552 | 9.591 | 9.881 | 247.025 |
| 02+200 | 25.00 | 4.708 | 5.767 | 10.475 | 10.033 | 250.825 |
| 02+225 | 25.00 | 5.517 | 6.094 | 11.611 | 11.043 | 276.075 |
| 02+250 | 25.00 | 5.451 | 6.359 | 11.810 | 11.711 | 292.763 |
| 02+275 | 25.00 | 5.926 | 5.563 | 11.489 | 11.650 | 291.238 |
| 02+300 | 25.00 | 4.985 | 4.746 | 9.731 | 10.610 | 265.250 |
| 02+325 | 25.00 | 5.628 | 5.120 | 10.748 | 10.240 | 255.988 |
| 02+350 | 25.00 | 5.363 | 4.804 | 10.167 | 10.458 | 261.438 |
| 02+375 | 25.00 | 5.516 | 4.751 | 10.267 | 10.217 | 255.425 |
| 02+400 | 25.00 | 6.245 | 5.122 | 11.367 | 10.817 | 270.425 |
| 02+425 | 25.00 | 6.191 | 7.222 | 13.413 | 12.390 | 309.750 |
| 02+450 | 25.00 | 6.038 | 7.146 | 13.184 | 13.299 | 332.463 |
| 02+475 | 25.00 | 6.382 | 5.485 | 11.867 | 12.526 | 313.138 |

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CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Earthwork (Cutting & Filling)

| Chainage | Length(m) | Cut Area(Sq.m) | Average of cut Area(Sq.m) | Cut Volume(Cu.m) | Fill Area(Sq.m) | Average of fill Area(Sq.m) | Fill Volume(Cu.m) |
|----------|-----------|----------------|---------------------------|------------------|-----------------|----------------------------|-------------------|
| 00+000 | 0.00 | 0.190 | 0.000 | 0.000 | 0.640 | 0.000 | 0.000 |
| 00+025 | 25.00 | 0.000 | 0.095 | 2.375 | 10.970 | 5.805 | 145.125 |
| 00+050 | 25.00 | 0.000 | 0.000 | 0.000 | 17.180 | 14.075 | 351.875 |
| 00+075 | 25.00 | 0.000 | 0.000 | 0.000 | 17.370 | 17.275 | 431.875 |
| 00+100 | 25.00 | 0.000 | 0.000 | 0.000 | 22.350 | 19.860 | 496.500 |
| 00+125 | 25.00 | 0.000 | 0.000 | 0.000 | 20.900 | 21.625 | 540.625 |
| 00+150 | 25.00 | 0.000 | 0.000 | 0.000 | 17.870 | 19.385 | 484.625 |
| 00+175 | 25.00 | 0.000 | 0.000 | 0.000 | 18.810 | 18.340 | 458.500 |
| 00+200 | 25.00 | 0.000 | 0.000 | 0.000 | 17.230 | 18.020 | 450.500 |
| 00+225 | 25.00 | 0.000 | 0.000 | 0.000 | 14.480 | 15.855 | 396.375 |
| 00+250 | 25.00 | 0.000 | 0.000 | 0.000 | 22.470 | 18.475 | 461.875 |
| 00+275 | 25.00 | 0.000 | 0.000 | 0.000 | 13.800 | 18.135 | 453.375 |
| 00+300 | 25.00 | 0.000 | 0.000 | 0.000 | 11.850 | 12.825 | 320.625 |
| 00+325 | 25.00 | 0.000 | 0.000 | 0.000 | 17.020 | 14.435 | 360.875 |
| 00+350 | 25.00 | 0.000 | 0.000 | 0.000 | 16.460 | 16.740 | 418.500 |
| 00+375 | 25.00 | 0.000 | 0.000 | 0.000 | 13.320 | 14.890 | 372.250 |
| 00+400 | 25.00 | 0.000 | 0.000 | 0.000 | 14.240 | 13.780 | 344.500 |
| 00+425 | 25.00 | 0.000 | 0.000 | 0.000 | 17.930 | 16.085 | 402.125 |
| 00+450 | 25.00 | 0.000 | 0.000 | 0.000 | 18.970 | 18.450 | 461.250 |
| 00+475 | 25.00 | 0.000 | 0.000 | 0.000 | 17.950 | 18.460 | 461.500 |
| 00+500 | 25.00 | 0.000 | 0.000 | 0.000 | 19.230 | 18.590 | 464.750 |
| 00+525 | 25.00 | 0.000 | 0.000 | 0.000 | 18.000 | 18.615 | 465.375 |
| 00+550 | 25.00 | 0.000 | 0.000 | 0.000 | 16.230 | 17.115 | 427.875 |
| 00+575 | 25.00 | 0.000 | 0.000 | 0.000 | 25.000 | 20.615 | 515.375 |
| 00+600 | 25.00 | 0.000 | 0.000 | 0.000 | 19.910 | 22.455 | 561.375 |
| 00+625 | 25.00 | 0.000 | 0.000 | 0.000 | 18.580 | 19.245 | 481.125 |
| 00+650 | 25.00 | 0.000 | 0.000 | 0.000 | 20.820 | 19.700 | 492.500 |
| 00+675 | 25.00 | 0.000 | 0.000 | 0.000 | 20.320 | 20.570 | 514.250 |
| 00+700 | 25.00 | 0.000 | 0.000 | 0.000 | 19.460 | 19.890 | 497.250 |
| 00+725 | 25.00 | 0.000 | 0.000 | 0.000 | 18.270 | 18.865 | 471.625 |
| 00+750 | 25.00 | 0.000 | 0.000 | 0.000 | 20.270 | 19.270 | 481.750 |
| 00+775 | 25.00 | 0.000 | 0.000 | 0.000 | 17.320 | 18.795 | 469.875 |
| 00+800 | 25.00 | 0.000 | 0.000 | 0.000 | 19.150 | 18.235 | 455.875 |
| 00+825 | 25.00 | 0.000 | 0.000 | 0.000 | 19.290 | 19.220 | 480.500 |
| 00+850 | 25.00 | 0.000 | 0.000 | 0.000 | 15.730 | 17.510 | 437.750 |
| 00+875 | 25.00 | 0.000 | 0.000 | 0.000 | 12.810 | 14.270 | 356.750 |
| 00+900 | 25.00 | 0.000 | 0.000 | 0.000 | 10.150 | 11.480 | 287.000 |
| 00+925 | 25.00 | 0.000 | 0.000 | 0.000 | 18.700 | 14.425 | 360.625 |
| 00+950 | 25.00 | 0.000 | 0.000 | 0.000 | 14.560 | 16.630 | 415.750 |
| 00+975 | 25.00 | 0.000 | 0.000 | 0.000 | 17.820 | 16.190 | 404.750 |
| 01+000 | 25.00 | 0.000 | 0.000 | 0.000 | 12.750 | 15.285 | 382.125 |
| 01+025 | 25.00 | 0.000 | 0.000 | 0.000 | 21.540 | 17.145 | 428.625 |
| 01+050 | 25.00 | 0.000 | 0.000 | 0.000 | 13.130 | 17.335 | 433.375 |
| 01+075 | 25.00 | 0.000 | 0.000 | 0.000 | 9.210 | 11.170 | 279.250 |
| 01+100 | 25.00 | 0.000 | 0.000 | 0.000 | 11.350 | 10.280 | 257.000 |
| 01+125 | 25.00 | 0.000 | 0.000 | 0.000 | 4.480 | 7.915 | 197.875 |
| 01+150 | 25.00 | 0.000 | 0.000 | 0.000 | 3.880 | 4.180 | 104.500 |
| 01+175 | 25.00 | 0.000 | 0.000 | 0.000 | 10.090 | 6.985 | 174.625 |
| 01+200 | 25.00 | 0.000 | 0.000 | 0.000 | 5.830 | 7.960 | 199.000 |
| 01+225 | 25.00 | 0.000 | 0.000 | 0.000 | 4.490 | 5.160 | 129.000 |
| 01+250 | 25.00 | 0.000 | 0.000 | 0.000 | 2.700 | 3.595 | 89.875 |
| 01+275 | 25.00 | 0.000 | 0.000 | 0.000 | 12.760 | 7.730 | 193.250 |
| 01+300 | 25.00 | 0.000 | 0.000 | 0.000 | 11.440 | 12.100 | 302.500 |
| 01+325 | 25.00 | 0.000 | 0.000 | 0.000 | 10.530 | 10.985 | 274.625 |
| 01+350 | 25.00 | 0.000 | 0.000 | 0.000 | 13.450 | 11.990 | 299.750 |
| 01+375 | 25.00 | 0.000 | 0.000 | 0.000 | 17.220 | 15.335 | 383.375 |
| 01+400 | 25.00 | 0.000 | 0.000 | 0.000 | 15.250 | 16.235 | 405.875 |
| 01+425 | 25.00 | 0.000 | 0.000 | 0.000 | 17.110 | 16.180 | 404.500 |
| 01+450 | 25.00 | 0.000 | 0.000 | 0.000 | 25.920 | 21.515 | 537.875 |
| 01+475 | 25.00 | 0.000 | 0.000 | 0.000 | 19.390 | 22.655 | 566.375 |
| 01+500 | 25.00 | 0.000 | 0.000 | 0.000 | 19.300 | 19.345 | 483.625 |
| 01+525 | 25.00 | 0.000 | 0.000 | 0.000 | 8.910 | 14.105 | 352.625 |
| 01+550 | 25.00 | 0.000 | 0.000 | 0.000 | 9.220 | 9.065 | 226.625 |
| 01+575 | 25.00 | 0.000 | 0.000 | 0.000 | 8.010 | 8.615 | 215.375 |
| 01+600 | 25.00 | 0.000 | 0.000 | 0.000 | 7.340 | 7.675 | 191.875 |
| 01+625 | 25.00 | 0.000 | 0.000 | 0.000 | 8.780 | 8.060 | 201.500 |
| 01+650 | 25.00 | 0.000 | 0.000 | 0.000 | 9.350 | 9.065 | 226.625 |
| 01+675 | 25.00 | 0.000 | 0.000 | 0.000 | 10.610 | 9.980 | 249.500 |
| 01+700 | 25.00 | 0.000 | 0.000 | 0.000 | 10.630 | 10.620 | 265.500 |
| 01+725 | 25.00 | 0.000 | 0.000 | 0.000 | 11.410 | 11.020 | 275.500 |
| 01+750 | 25.00 | 0.000 | 0.000 | 0.000 | 11.250 | 11.330 | 283.250 |
| 01+775 | 25.00 | 0.000 | 0.000 | 0.000 | 9.170 | 10.210 | 255.250 |
| 01+800 | 25.00 | 0.000 | 0.000 | 0.000 | 8.300 | 8.735 | 218.375 |
| 01+825 | 25.00 | 0.000 | 0.000 | 0.000 | 7.690 | 7.995 | 199.875 |
| 01+850 | 25.00 | 0.000 | 0.000 | 0.000 | 5.520 | 6.605 | 165.125 |
| 01+875 | 25.00 | 0.000 | 0.000 | 0.000 | 7.680 | 6.600 | 165.000 |
| 01+900 | 25.00 | 0.000 | 0.000 | 0.000 | 9.460 | 8.570 | 214.250 |
| 01+925 | 25.00 | 0.000 | 0.000 | 0.000 | 14.200 | 11.830 | 295.750 |
| 01+950 | 25.00 | 0.000 | 0.000 | 0.000 | 13.660 | 13.930 | 348.250 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Earthwork (Cutting & Filling)

| Chainage | Length(m) | Cut Area(Sq.m) | Average of cut Area(Sq.m) | Cut Volume(Cu.m) | Fill Area(Sq.m) | Average of fill Area(Sq.m) | Fill Volume(Cu.m) |
|------------------|----------------|----------------|---------------------------|------------------|-----------------|----------------------------|-------------------|
| 01+975 | 25.00 | 0.000 | 0.000 | 0.000 | 15.860 | 14.760 | 369.000 |
| 02+000 | 25.00 | 0.000 | 0.000 | 0.000 | 12.250 | 14.055 | 351.375 |
| 02+025 | 25.00 | 0.000 | 0.000 | 0.000 | 13.330 | 12.790 | 319.750 |
| 02+050 | 25.00 | 0.000 | 0.000 | 0.000 | 10.820 | 12.075 | 301.875 |
| 02+075 | 25.00 | 0.000 | 0.000 | 0.000 | 10.690 | 10.755 | 268.875 |
| 02+100 | 25.00 | 0.000 | 0.000 | 0.000 | 4.650 | 7.670 | 191.750 |
| 02+125 | 25.00 | 0.000 | 0.000 | 0.000 | 7.910 | 6.280 | 157.000 |
| 02+150 | 25.00 | 0.000 | 0.000 | 0.000 | 5.700 | 6.805 | 170.125 |
| 02+175 | 25.00 | 0.000 | 0.000 | 0.000 | 6.150 | 5.925 | 148.125 |
| 02+200 | 25.00 | 0.000 | 0.000 | 0.000 | 8.200 | 7.175 | 179.375 |
| 02+225 | 25.00 | 0.000 | 0.000 | 0.000 | 10.400 | 9.300 | 232.500 |
| 02+250 | 25.00 | 0.000 | 0.000 | 0.000 | 11.790 | 11.095 | 277.375 |
| 02+275 | 25.00 | 0.000 | 0.000 | 0.000 | 8.460 | 10.125 | 253.125 |
| 02+300 | 25.00 | 0.000 | 0.000 | 0.000 | 6.620 | 7.540 | 188.500 |
| 02+325 | 25.00 | 0.000 | 0.000 | 0.000 | 8.050 | 7.335 | 183.375 |
| 02+350 | 25.00 | 0.000 | 0.000 | 0.000 | 6.320 | 7.185 | 179.625 |
| 02+375 | 25.00 | 0.000 | 0.000 | 0.000 | 6.390 | 6.355 | 158.875 |
| 02+400 | 25.00 | 0.000 | 0.000 | 0.000 | 8.460 | 7.425 | 185.625 |
| 02+425 | 25.00 | 0.000 | 0.000 | 0.000 | 11.230 | 9.845 | 246.125 |
| 02+450 | 25.00 | 0.000 | 0.000 | 0.000 | 10.520 | 10.875 | 271.875 |
| 02+475 | 25.00 | 0.000 | 0.000 | 0.000 | 11.360 | 10.940 | 273.500 |
| 02+500 | 25.00 | 0.000 | 0.000 | 0.000 | 10.730 | 11.045 | 276.125 |
| 02+525 | 25.00 | 0.000 | 0.000 | 0.000 | 10.940 | 10.835 | 270.875 |
| 02+550 | 25.00 | 0.000 | 0.000 | 0.000 | 8.260 | 9.600 | 240.000 |
| 02+575 | 25.00 | 0.000 | 0.000 | 0.000 | 11.130 | 9.695 | 242.375 |
| 02+600 | 25.00 | 0.000 | 0.000 | 0.000 | 8.380 | 9.755 | 243.875 |
| 02+625 | 25.00 | 0.000 | 0.000 | 0.000 | 6.500 | 7.440 | 186.000 |
| 02+650 | 25.00 | 0.000 | 0.000 | 0.000 | 3.360 | 4.930 | 123.250 |
| 02+675 | 25.00 | 0.000 | 0.000 | 0.000 | 4.230 | 3.795 | 94.875 |
| 02+700 | 25.00 | 0.000 | 0.000 | 0.000 | 2.000 | 3.115 | 77.875 |
| 02+725 | 25.00 | 0.000 | 0.000 | 0.000 | 1.940 | 1.970 | 49.250 |
| 02+750 | 25.00 | 0.000 | 0.000 | 0.000 | 3.910 | 2.925 | 73.125 |
| 02+775 | 25.00 | 0.000 | 0.000 | 0.000 | 9.710 | 6.810 | 170.250 |
| 02+800 | 25.00 | 0.000 | 0.000 | 0.000 | 5.070 | 7.390 | 184.750 |
| 02+825 | 25.00 | 0.060 | 0.030 | 0.750 | 4.010 | 4.540 | 113.500 |
| 02+850 | 25.00 | 0.000 | 0.030 | 0.750 | 4.930 | 4.470 | 111.750 |
| 02+875 | 25.00 | 0.000 | 0.000 | 0.000 | 4.740 | 4.835 | 120.875 |
| 02+900 | 25.00 | 0.000 | 0.000 | 0.000 | 5.310 | 5.025 | 125.625 |
| 02+925 | 25.00 | 0.000 | 0.000 | 0.000 | 12.560 | 8.935 | 223.375 |
| 02+950 | 25.00 | 0.000 | 0.000 | 0.000 | 7.200 | 9.880 | 247.000 |
| 02+975 | 25.00 | 0.000 | 0.000 | 0.000 | 11.210 | 9.205 | 230.125 |
| 03+000 | 25.00 | 0.000 | 0.000 | 0.000 | 5.780 | 8.495 | 212.375 |
| 03+025 | 25.00 | 0.000 | 0.000 | 0.000 | 7.050 | 6.415 | 160.375 |
| 03+050 | 25.00 | 0.000 | 0.000 | 0.000 | 6.470 | 6.760 | 169.000 |
| 03+075 | 25.00 | 0.000 | 0.000 | 0.000 | 5.170 | 5.820 | 145.500 |
| 03+100 | 25.00 | 0.000 | 0.000 | 0.000 | 3.550 | 4.360 | 109.000 |
| 03+125 | 25.00 | 0.000 | 0.000 | 0.000 | 3.550 | 3.550 | 88.750 |
| 03+150 | 25.00 | 0.000 | 0.000 | 0.000 | 7.360 | 5.455 | 136.375 |
| 03+175 | 25.00 | 0.000 | 0.000 | 0.000 | 7.530 | 7.445 | 186.125 |
| 03+200 | 25.00 | 0.000 | 0.000 | 0.000 | 7.180 | 7.355 | 183.875 |
| 03+225 | 25.00 | 0.000 | 0.000 | 0.000 | 6.990 | 7.085 | 177.125 |
| 03+250 | 25.00 | 0.000 | 0.000 | 0.000 | 6.790 | 6.890 | 172.250 |
| 03+275 | 25.00 | 0.000 | 0.000 | 0.000 | 6.730 | 6.760 | 169.000 |
| 03+300 | 25.00 | 0.000 | 0.000 | 0.000 | 8.850 | 7.790 | 194.750 |
| 03+325 | 25.00 | 0.000 | 0.000 | 0.000 | 4.380 | 6.615 | 165.375 |
| 03+350 | 25.00 | 0.000 | 0.000 | 0.000 | 4.770 | 4.575 | 114.375 |
| 03+375 | 25.00 | 0.000 | 0.000 | 0.000 | 2.200 | 3.485 | 87.125 |
| 03+400 | 25.00 | 0.000 | 0.000 | 0.000 | 1.640 | 1.920 | 48.000 |
| 03+425 | 25.00 | 0.000 | 0.000 | 0.000 | 6.940 | 4.290 | 107.250 |
| 03+450 | 25.00 | 0.000 | 0.000 | 0.000 | 5.780 | 6.360 | 159.000 |
| | | 0.000 | | | 2.500 | | |
| Length(m) | 3450.00 | | Cut Volume(Cu.m) | 3.875 | | Fill Volume(Cu.m) | 38830.500 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

BILL#2

SUB BASE & BASE

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

ESTIMATE CSR 2023

| S.No | Description | Unit | Rate | QTY | AMOUNT |
|---|--|------|------|----------|--------|
| BILL NO. 2: SUB BASE | | | | | |
| 1 | Providing and laying pitrun gravel in sub base or base course of any thickness to required grade and camber including watering and compacting with road roller with all lead and lift. (compacted thickness to be measured)(including royalty of approved Quarry).(S.i No 21-15b) | Cum | | 2,179.31 | |
| | Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road (S.i.No 1J) Upto 10th Km | Cum | | 2179.31 | |
| | (S.i.No 1K) 11 to 15th Km | Cum | | 2179.31 | |
| 2 | Providing and laying graded aggregate base course of crushed stone of approved quality, including placing, mixing, spreading, watering and compacting base course to required depth, camber and grade to achieve 100% max. modified AASHTO dry density conforming to AASHTO specifications T -180, with mechanical means and with all lead and lift. (Carriage of crushed stone is included in the rate, within 5km of Project premises) (S.i No 21-17-1) | Cum | | 2,966.88 | |
| | Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road (S.i.No 1J) Upto 10th Km | Cum | | 2966.88 | |
| | (S.i.No 1K) 11 to 15th Km | Cum | | 2966.88 | |
| Sub.Total | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | |
| G.Total | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

Natural pitrun gravel 50 mm (2") Supplying

| S.NO | Description | Unit | No,s | Granular sub base | | | | | | Remarks |
|--------------|-------------------|------|------|-------------------|--------|----------|----------|----------|----------------|-----------|
| | | | | Chainage (Km) | | L (M) | W (M) | H (M) | Qty (Cum) | |
| | | | | From | To | | | | | |
| 1 | Granular sub base | Cum | 1 | 00+000 | 03+450 | 3450 | 4.2112 | 0.15 | 2179.31 | Main Road |
| Total | | | | | | | | | 2179.31 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

Aggregate Base Course

| S.NO | Description | Unit | No,s | Sggregate Base Course | | | | | Remarks | |
|--------------|----------------|------|------|-----------------------|--------|----------|----------|----------|----------------|--------------|
| | | | | Chainage (Km) | | L (M) | W (M) | H (M) | | Qty (Cum) |
| | | | | From | To | | | | | |
| 1 | Aggregate Base | Cum | 1 | 00+000 | 03+450 | 3450 | 3.905 | 0.15 | 2020.89 | Main Road |
| 2 | Aggregate Base | Cum | 2 | 00+000 | 03+450 | 3450 | 0.914 | 0.15 | 945.99 | Shoulders |
| Total | | | | | | | | | 2966.88 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

BILL#3

SURFACING

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

ESTIMATE CSR 2023

| Sr. No. | Description of Item | Unit | Rate | QTY | Amount |
|--|--|-------------|-------------|------------|---------------|
| BILL NO. 3: SURFACING | | | | | |
| 1 | Providing and applying prime coat of liquid asphalt (cut back) of any approved grade using asphalt (cut back) including cleaning and brooming of road surface.(S.I.No. 21-23-a) | Sqm | | 12944.54 | |
| 2 | Providing and laying hot-mix bituminous concrete in road pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design in single layer Asphalt Wearing Course 50mm (2") thickness.(S.I.No. 21-32 c) - (Detection for Tack Coat 21-24-1)-153.13 | Sqm | | 12768.52 | |
| 3 | Surface dressing in two coats including supply of bitumen 80/100 or any approved grade and approved crushed aggregate of approved size and grade for road surface with rolling (including royalty of Quarry). D.S.T Shoulders (S.I.No. 21-20) | Sqm | | 6306.60 | |
| Sub.Total | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | |
| G.Total | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

Prime Coat

| S.No | Description | Unit | No,s | Chainage (Km) | | L (M) | Width (M) | Quantity (Sqm) | Remarks |
|----------------|-------------|------|------|---------------|--------|-------|-----------|-----------------|-----------|
| | | | | From | To | | | | |
| 1 | Prime Coat | Sqm | 1 | 00+000 | 03+450 | 3450 | 3.752 | 12945 | Main Road |
| G.Total | | | | | | | | 12944.54 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

Asphalt Wearing Course

| S.No | Description | Unit | No,s | Chainage (Km) | | L (M) | Width (M) | Quantity (Sqm) | Remarks |
|----------------|-----------------------|------|------|---------------|--------|-------|-----------|-----------------|-----------|
| | | | | From | To | | | | |
| 1 | Asphlat Wering Course | Sqm | 1 | 00+000 | 03+450 | 3450 | 3.701 | 12769 | Main Road |
| G.Total | | | | | | | | 12768.52 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

D.S.T

| S.No | Description | Unit | No,s | Chainage (Km) | | L (M) | Width (M) | Quantity (Sqm) | Remarks |
|----------------|-------------|------|------|---------------|--------|-------|-----------|----------------|--------------------|
| | | | | From | To | | | | |
| 1 | D.S.T | Sqm | 2 | 00+000 | 03+450 | 3450 | 0.914 | 6307 | Shoulder Both Side |
| G.Total | | | | | | | | 6306.60 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

BILL#5
ANCILLARY
WORKS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

BILL OF QUANTITIES

BILL NO. 5: ANCILLARY WORKS

| S.No | Description of items | Unit | Rate | Quantity | Amount |
|-------------|--|-------------|-------------|-----------------|---------------|
| 1 | Providing and fixing road sign boards such as caution etc as approved by the Engineer with reflective paints, having superficial area of 1.125 sq.m including cost of post etc.(S.I.# 21-84-1) | Each | | 6.0 | |
| 2 | P/L Road Marking With Recflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW) (S.I.# 17-50-1) | R M | | 6900.0 | |
| 5 | P/L Road Marking With Recflective TP Thermoplastic) paint for 4 meters arrows. (S.I.# 17-50-1) | R m | | 6.0 | |
| 6 | Reflectorized Plastic Pavement Stud (Raised Profile Type - Double) (S.I.# 21-86 b) | Each | | 870.0 | |
| 7 | Providing and fixing 6" x 6" x 30" (150mm x 150mm x 750mm) precast 1:2:4 cement concrete boundary pillars using graded crushed aggregate embedded in cement concrete 1:4:8 including formwork and its removal, compacting and curing including cost of excavation. (including royalty of Quarry). (S.I.# 21-53-1) | Each | | 6.0 | |
| 8 | Providing and fixing 9" x 4" x 30" (230mm x 100mm x 750mm) precast 1:2:4 cement concrete kilometer stone using graded screened bajri, embedded in cement concrete 1:4:8, formwork and its removal, compacting and curing including the cost of excavation, cement cost 1:4:8 backfilling of excavated stuff, cement plaster with 1:3 cement engraving and writing letters of approved size, painting two coats as desired. (S.I.# 21-55-1) | Each | | 3.0 | |
| | SUB.TOTAL | | | | |
| | Above/ below ___% Premium if any on CSR 2023 | | | | |
| | G.TOTAL | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL

Pavement Marking

| S. No. | Description | Unit | No,s | Chainage (Km) | | L (M) | Qty (M) | Remarks |
|--------|--|------|------|---------------|--------|--------------|---------------|----------------------------------|
| | | | | From | To | | | |
| 1 | P/L Road Marking With Reflective TP Thermoplastic) paint for lines of 12.50 cm width. (YELLOW) | M | 2 | 00+000 | 03+450 | 03+450 | 6900.0 | Both sides full length Main Road |
| | | | | | | Total | 6900.0 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL

Pavement Marking

| S. No. | Description | Unit | No,s | Chainage (Km) | | L (M) | Qty (M) | Remarks |
|--------|---|------|------|---------------|----|--------------|------------|---------|
| | | | | From | To | | | |
| 1 | P/L Road Marking With Reflective TP Thermoplastic) paint for lines of 12.50 cm width.(WHITE Arrows) | M | 3 | | | 2 | 6.0 | Arrows |
| | | | | | | Total | 6.0 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE

Reflectorized Pavement Stud (Raised Profile Type-Double)

| S No. | Description | Unit | No,s | Chainage (Km) | | L (M) | Qty (M) | Remarks |
|-------|-------------|------|------|---------------|--------|--------------|------------|---|
| | | | | From | To | | | |
| 1 | Main Road | Each | 2 | 00+000 | 03+450 | 3450 | 863 | In 2 Rows having 8m interval Main Road |
| 4 | Crossing | Each | 2 | | | 7.32 | 7.0 | In 2 Rows having 3m interval |
| | | | | | | Total | 870 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE

Right of way marker (150mm x 150mm x 750mm)

| S No. | Description | Unit | Chainage (Km) | | L (M) | No,s | Qty (M) | Remarks |
|--------------|-------------|------|---------------|--------|-------|------|----------|-------------------------|
| | | | From | To | | | | |
| 1 | Main Rod | Each | 00+000 | 03+450 | 3450 | 3 | 6 | 1 Km interval Both Side |
| Total | | | | | | | 6 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE

Kilometer post (230mm x 100mm x 750mm)

| S No. | Description | Unit | Chainage (Km) | | L (M) | No,s | Qty (M) | Remarks |
|--------------|----------------|------|---------------|--------|-------|------|----------|---------------|
| | | | From | To | | | | |
| 1 | Kilometer post | Each | 00+000 | 03+450 | 3450 | 3 | 3 | 1 Km interval |
| Total | | | | | | | 3 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

STRUCTURES WORKS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)**CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH****STRUCTURE WORKS**

| S.NO | DESCRIPTION | Unit | Qty. | AMOUNT PK RS. |
|--------------|-------------------|------|------|------------------|
| 1 | RCC Box Culverts | No | 14 | |
| 2 | RCC Pipe Culverts | No | 10 | |
| 4 | RCC wall | RM | 36 | |
| 5 | PCC Wall | RM | 30 | |
| 7 | PCC Parapet Walls | No | 17 | |
| TOTAL | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL OF BOX CULVERTS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

| S.NO | DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT PK RS. |
|--------------|---------------------------------|------|-----------|------|------------------|
| A. | STRUCTURE WORK | | | | |
| | <u>BOX CULVERT</u> | | | | |
| 1 | RCC Box Culvert (1 x 2 x 1 M) | No. | 1 | | |
| 2 | RCC Box Culvert (1 x 2 x 1.5 M) | No. | 1 | | |
| 3 | RCC Box Culvert (1 x 3 x 1 M) | No. | 1 | | |
| 4 | RCC Box Culvert (1 x 3 x 1.5 M) | No. | 7 | | |
| 5 | RCC Box Culvert (2 x 2 x 1.5 M) | No. | 2 | | |
| 6 | RCC Box Culvert (2 x 3 x 1.5 M) | No. | 1 | | |
| 7 | RCC Box Culvert (3 x 3 x 2 M) | No. | 1 | | |
| TOTAL | | | 14 | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | | |
|----------------------|--|---------------------------|---|-------------|-----------------|-----------------|------------------|--------------|---------------|--|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 3.600 | 1.000 | 39.600 | | | |
| | | Toe Wall | 2 | 3.600 | 0.500 | 0.750 | 2.700 | | | |
| | | Wing Wall Bed | 2 | 10.996 | | 1.000 | 21.992 | | | |
| | | Wing Wall Bed | 2 | 10.996 | | 1.000 | 21.992 | | | |
| | | Cut of Wall | 1 | 6.600 | 0.300 | 1.000 | 1.980 | | | |
| | | (S.I. NO.3-21b iv) | | | | | Per Cu.m | Total | 88.264 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 2.800 | 0.100 | 2.632 | |
| Toe Wall | 2 | | | 2.800 | 0.400 | 0.100 | 0.224 | | | |
| Wing Wall | 2 | | | 5.728 | | 0.100 | 1.146 | | | |
| Wing Wall | 2 | | | 5.728 | | 0.100 | 1.146 | | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 5.147 | | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 37.704 | | Kgs 3525.324 | Tons 3.525 | | | |
| | | (S.I.No. 5- 65a) | | | | | Per tonne | Total | 3.702 | |
| 4 | Providing and laying in position ready mixed concrete | Culvert Base slab | 1 | 10.000 | 2.600 | 0.350 | 9.100 | | | |
| | | Toe wall | 2 | 2.600 | 0.650 | 0.300 | 1.014 | | | |
| | | Wing Wall Bed | 2 | 4.178 | | 0.300 | 2.507 | | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | | |
| | | Wing Wall Bed | 2 | 4.178 | | 0.300 | 2.507 | | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | | |
| | | Apran Cut of Wall | 1 | 6.600 | 0.300 | 1.000 | 1.980 | | | |
| | | (S.I.No. 5- 26b+d) | | | | | Per Cu.m | Total | 17.724 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|--------|---------------------------|--------------|--------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 1.000 | 6.000 | | |
| | Internal Walls | 0 | 10.000 | 0.300 | 1.000 | 0.000 | | |
| | Fillet | 4 | 10.000 | 0.150 | 0.150 | 0.450 | | |
| | Main Wing Wall | 2 | 3.288 | 0.250 | 1.765 | 1.451 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 3.288 | 0.250 | 1.765 | 1.451 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 9.944 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 2.600 | 0.350 | 9.100 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 9.100 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 2.600 | 0.300 | 0.600 | 0.936 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 0.936 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | | Area 8.923 Per Cu.m | 0.300 | 2.677 | | |
| | | | | | Total | 2.677 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | | Area 8.923 Per Sqm | | 8.923 | | |
| | | | | | Total | 8.923 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | |
|----------------------|--|---------------------------|---|-------------|----------|-----------------|---------------|----------------|-------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 3.600 | 1.000 | 39.600 | | |
| | | Toe Wall | 2 | 3.600 | 0.500 | 0.750 | 2.700 | | |
| | | Wing Wall Bed | 2 | 15.765 | | 1.000 | 31.530 | | |
| | | Wing Wall Bed | 2 | 15.765 | | 1.000 | 31.530 | | |
| | | Cut of Wall | 1 | 8.600 | 0.300 | 1.000 | 2.580 | | |
| | | (S.I. NO.3-21b iv) | | | | Per Cu.m | Total | 107.940 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 2.800 | 0.100 | 2.632 |
| Toe Wall | 2 | | | 2.800 | 0.400 | 0.100 | 0.224 | | |
| Wing Wall | 2 | | | 9.008 | | 0.100 | 1.802 | | |
| Wing Wall | 2 | | | 9.008 | | 0.100 | 1.802 | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 6.459 | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 46.800 | | Kgs 4375.800 | Tons 4.376 | | |
| | | (S.I.No. 5- 65a) | | | | Per tonne | Total | 4.595 | |
| 4 | Providing and laying in position ready mixed | Culvert Base slab | 1 | 10.000 | 2.600 | 0.350 | 9.100 | | |
| | | Toe wall | 2 | 2.600 | 0.650 | 0.300 | 1.014 | | |
| | | Wing Wall Bed | 2 | 7.160 | | 0.300 | 4.296 | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | |
| | | Wing Wall Bed | 2 | 7.160 | | 0.300 | 4.296 | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | |
| | | Apran Cut of Wall | 1 | 8.600 | 0.300 | 1.000 | 2.580 | | |
| | | (S.I.No. 5- 26b+d) | | | | Per Cu.m | Total | 21.902 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 2 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|--------|----------------------------|--------------|---------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 1.500 | 9.000 | | |
| | Internal Walls | 0 | 10.000 | 0.300 | 1.500 | 0.000 | | |
| | Fillet | 4 | 10.000 | 0.150 | 0.150 | 0.450 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 14.862 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 2.600 | 0.350 | 9.100 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 9.100 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 2.600 | 0.300 | 0.600 | 0.936 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 0.936 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | | Area 16.223 Per Cu.m | 0.300 | 4.867 | | |
| | | | | | Total | 4.867 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | | Area 16.223 Per Sqm | | 16.223 | | |
| | | | | | Total | 16.223 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | |
|----------------------|--|---------------------------|---|-------------|-----------------|------------------|---------------|----------------|-------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 4.600 | 1.000 | 50.600 | | |
| | | Toe Wall | 2 | 4.600 | 0.500 | 0.750 | 3.450 | | |
| | | Wing Wall Bed | 2 | 10.996 | | 1.000 | 21.992 | | |
| | | Wing Wall Bed | 2 | 10.996 | | 1.000 | 21.992 | | |
| | | Cut of Wall | 1 | 7.600 | 0.300 | 1.000 | 2.280 | | |
| | | (S.I. NO.3-21b iv) | | | | Per Cu.m | Total | 100.314 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 3.800 | 0.100 | 3.572 |
| Toe Wall | 2 | | | 3.800 | 0.400 | 0.100 | 0.304 | | |
| Wing Wall | 2 | | | 5.728 | | 0.100 | 1.146 | | |
| Wing Wall | 2 | | | 5.728 | | 0.100 | 1.146 | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 6.167 | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 45.754 | | Kgs 4277.999 | Tons 4.278 | | |
| | | (S.I.No. 5- 65a) | | | | Per tonne | Total | 4.492 | |
| 4 | Providing and laying in position ready mixed | Culvert Base slab | 1 | 10.000 | 3.600 | 0.350 | 12.600 | | |
| | | Toe wall | 2 | 3.600 | 0.650 | 0.300 | 1.404 | | |
| | | Wing Wall Bed | 2 | 4.178 | | 0.300 | 2.507 | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | |
| | | Wing Wall Bed | 2 | 4.178 | | 0.300 | 2.507 | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | |
| | | Apran Cut of Wall | 1 | 7.600 | 0.300 | 1.000 | 2.280 | | |
| | | (S.I.No. 5- 26b+d) | | | | Per Cu.m | Total | 21.914 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1) m

| QUA | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|--------|----------------------------|--------------|---------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 1.000 | 6.000 | | |
| | Internal Walls | 0 | 10.000 | 0.300 | 1.000 | 0.000 | | |
| | Fillet | 4 | 10.000 | 0.150 | 0.150 | 0.450 | | |
| | Main Wing Wall | 2 | 3.288 | 0.250 | 1.765 | 1.451 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 3.288 | 0.250 | 1.765 | 1.451 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 9.944 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 3.600 | 0.350 | 12.600 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 12.600 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 3.600 | 0.300 | 0.600 | 1.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 1.296 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | | Area 11.073 Per Cu.m | 0.300 | 3.322 | | |
| | | | | | Total | 3.322 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | | Area 11.073 Per Sqm | | 11.073 | | |
| | | | | | Total | 11.073 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1.5) m

| QUA | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | |
|----------------------|--|---------------------------|---|-------------|----------|-----------------|---------------|----------------|-------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 4.600 | 1.000 | 50.600 | | |
| | | Toe Wall | 2 | 4.600 | 0.500 | 0.750 | 3.450 | | |
| | | Wing Wall Bed | 2 | | 15.765 | 1.000 | 31.530 | | |
| | | Wing Wall Bed | 2 | | 15.765 | 1.000 | 31.530 | | |
| | | Cut of Wall | 1 | 9.600 | 0.300 | 1.000 | 2.880 | | |
| | | (S.I. NO.3-21b iv) | | | | Per Cu.m | Total | 119.990 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 3.800 | 0.100 | 3.572 |
| Toe Wall | 2 | | | 3.800 | 0.400 | 0.100 | 0.304 | | |
| Wing Wall | 2 | | | | 9.008 | 0.100 | 1.802 | | |
| Wing Wall | 2 | | | | 9.008 | 0.100 | 1.802 | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 7.479 | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 54.850 | | Kgs 5128.475 | Tons 5.128 | | |
| | | (S.I.No. 5- 65a) | | | | Per tonne | Total | 5.385 | |
| 4 | Providing and laying in position ready mixed | Culvert Base slab | 1 | 10.000 | 3.600 | 0.350 | 12.600 | | |
| | | Toe wall | 2 | 3.600 | 0.650 | 0.300 | 1.404 | | |
| | | Wing Wall Bed | 2 | | 7.160 | 0.300 | 4.296 | | |
| | | Wing Wall 1m Portion Bed | 2 | | 0.616 | 0.250 | 0.308 | | |
| | | Wing Wall Bed | 2 | | 7.160 | 0.300 | 4.296 | | |
| | | Wing Wall 1m Portion Bed | 2 | | 0.616 | 0.250 | 0.308 | | |
| | | Apran Cut of Wall | 1 | 9.600 | 0.300 | 1.000 | 2.880 | | |
| | | (S.I.No. 5- 26b+d) | | | | Per Cu.m | Total | 26.092 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 1 Span = 3 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|--------|----------------------------|--------------|---------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 1.500 | 9.000 | | |
| | Internal Walls | 0 | 10.000 | 0.300 | 1.500 | 0.000 | | |
| | Fillet | 4 | 10.000 | 0.150 | 0.150 | 0.450 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 14.862 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 3.600 | 0.350 | 12.600 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 12.600 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 3.600 | 0.300 | 0.600 | 1.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 1.296 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | | Area 19.373 Per Cu.m | 0.300 | 5.812 | | |
| | | | | | Total | 5.812 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | | Area 19.373 Per Sqm | | 19.373 | | |
| | | | | | Total | 19.373 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 2 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | | |
|----------------------|--|---------------------------|---|-------------|-----------------|-----------------|------------------|--------------|----------------|--|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 5.900 | 1.000 | 64.900 | | | |
| | | Toe Wall | 2 | 5.900 | 0.500 | 0.750 | 4.425 | | | |
| | | Wing Wall Bed | 2 | 15.765 | | 1.000 | 31.530 | | | |
| | | Wing Wall Bed | 2 | 15.765 | | 1.000 | 31.530 | | | |
| | | Cut of Wall | 1 | 10.900 | 0.300 | 1.000 | 3.270 | | | |
| | | (S.I. NO.3-21b iv) | | | | | Per Cu.m | Total | 135.655 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 5.100 | 0.100 | 4.794 | |
| Toe Wall | 2 | | | 5.100 | 0.400 | 0.100 | 0.408 | | | |
| Wing Wall | 2 | | | 9.008 | | 0.100 | 1.802 | | | |
| Wing Wall | 2 | | | 9.008 | | 0.100 | 1.802 | | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 8.805 | | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 70.265 | | Kgs 6569.778 | Tons 6.570 | | | |
| | | (S.I.No. 5- 65a) | | | | | Per tonne | Total | 6.898 | |
| 4 | Providing and laying in position ready mixed | Culvert Base slab | 1 | 10.000 | 4.900 | 0.350 | 17.150 | | | |
| | | Toe wall | 2 | 4.900 | 0.650 | 0.300 | 1.911 | | | |
| | | Wing Wall Bed | 2 | 7.160 | | 0.300 | 4.296 | | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | | |
| | | Wing Wall Bed | 2 | 7.160 | | 0.300 | 4.296 | | | |
| | | Wing Wall 1m Portion Bed | 2 | 0.616 | | 0.250 | 0.308 | | | |
| | | Apran Cut of Wall | 1 | 10.900 | 0.300 | 1.000 | 3.270 | | | |
| | | (S.I.No. 5- 26b+d) | | | | | Per Cu.m | Total | 31.539 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 2 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|----------------|--------------|--------------|---------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 1.500 | 9.000 | | |
| | Internal Walls | 1 | 10.000 | 0.300 | 1.500 | 4.500 | | |
| | Fillet | 8 | 10.000 | 0.150 | 0.150 | 0.900 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 19.812 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 4.900 | 0.350 | 17.150 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 17.150 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 4.900 | 0.300 | 0.600 | 1.764 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 1.764 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | Area 23.468 | 0.300 | | 7.040 | | |
| | | | Per Cu.m | Total | | 7.040 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | Area 23.468 | | | 23.468 | | |
| | | | Per Sqm | Total | | 23.468 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 3 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | |
|----------------------|--|---------------------------|---|-------------|-----------------|------------------|---------------|----------------|-------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 7.900 | 1.000 | 86.900 | | |
| | | Toe Wall | 2 | 7.900 | 0.500 | 0.750 | 5.925 | | |
| | | Wing Wall Bed | 2 | | 15.765 | 1.000 | 31.530 | | |
| | | Wing Wall Bed | 2 | | 15.765 | 1.000 | 31.530 | | |
| | | Cut of Wall | 1 | 12.900 | 0.300 | 1.000 | 3.870 | | |
| | | (S.I. NO.3-21b iv) | | | | Per Cu.m | Total | 159.755 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 7.100 | 0.100 | 6.674 |
| Toe Wall | 2 | | | 7.100 | 0.400 | 0.100 | 0.568 | | |
| Wing Wall | 2 | | | | 9.008 | 0.100 | 1.802 | | |
| Wing Wall | 2 | | | | 9.008 | 0.100 | 1.802 | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 10.845 | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 86.365 | | Kgs 8075.128 | Tons 8.075 | | |
| | | (S.I.No. 5- 65a) | | | | Per tonne | Total | 8.479 | |
| 4 | Providing and laying in position ready mixed concrete | Culvert Base slab | 1 | 10.000 | 6.900 | 0.350 | 24.150 | | |
| | | Toe wall | 2 | 6.900 | 0.650 | 0.300 | 2.691 | | |
| | | Wing Wall Bed | 2 | | 7.160 | 0.300 | 4.296 | | |
| | | Wing Wall 1m Portion Bed | 2 | | 0.616 | 0.250 | 0.308 | | |
| | | Wing Wall Bed | 2 | | 7.160 | 0.300 | 4.296 | | |
| | | Wing Wall 1m Portion Bed | 2 | | 0.616 | 0.250 | 0.308 | | |
| | | Apran Cut of Wall | 1 | 12.900 | 0.300 | 1.000 | 3.870 | | |
| | | (S.I.No. 5- 26b+d) | | | | Per Cu.m | Total | 39.919 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 2 Span = 3 Height = 1.5) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|--------|----------------------------|--------------|---------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 1.500 | 9.000 | | |
| | Internal Walls | 1 | 10.000 | 0.300 | 1.500 | 4.500 | | |
| | Fillet | 8 | 10.000 | 0.150 | 0.150 | 0.900 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 4.702 | 0.250 | 2.050 | 2.410 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 19.812 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 6.900 | 0.350 | 24.150 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 24.150 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 6.900 | 0.300 | 0.600 | 2.484 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 2.484 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | | Area 29.768 Per Cu.m | 0.300 | 8.930 | | |
| | | | | | Total | 8.930 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | | Area 29.768 Per Sqm | | 29.768 | | |
| | | | | | Total | 29.768 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 3 Height = 2) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) | | |
|----------------------|--|---------------------------|---|-------------|-----------------|------------------|------------------|--------------|----------------|--|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (Machinery) | Culvert bed | 1 | 11.000 | 11.200 | 1.000 | 123.200 | | | |
| | | Toe Wall | 2 | 11.200 | 0.500 | 0.750 | 8.400 | | | |
| | | Wing Wall Bed | 2 | | 21.776 | 1.000 | 43.552 | | | |
| | | Wing Wall Bed | 2 | | 21.776 | 1.000 | 43.552 | | | |
| | | Cut of Wall | 1 | 18.200 | 0.300 | 1.000 | 5.460 | | | |
| | | (S.I. NO.3-21b iv) | | | | | Per Cu.m | Total | 224.164 | |
| | | 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8). | Culvert bed | 1 | 9.400 | 10.400 | 0.100 | 9.776 | |
| Toe Wall | 2 | | | 10.400 | 0.400 | 0.100 | 0.832 | | | |
| Wing Wall | 2 | | | | 13.439 | 0.100 | 2.688 | | | |
| Wing Wall | 2 | | | | 13.439 | 0.100 | 2.688 | | | |
| (S.I.No.5-8e) | | | | | Per Cu.m | Total | 15.984 | | | |
| 3 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (Steel G-60) | Culvert+Wing walls | 1 | 131.633 | | Kgs 12307.686 | Tons 12.308 | | | |
| | | (S.I.No. 5- 65a) | | | | | Per tonne | Total | 12.923 | |
| 4 | Providing and laying in position ready mixed concrete | Culvert Base slab | 1 | 10.000 | 10.200 | 0.350 | 35.700 | | | |
| | | Toe wall | 2 | 10.200 | 0.650 | 0.300 | 3.978 | | | |
| | | Wing Wall Bed | 2 | | 11.275 | 0.300 | 6.765 | | | |
| | | Wing Wall 1m Portion Bed | 2 | | 0.616 | 0.250 | 0.308 | | | |
| | | Wing Wall Bed | 2 | | 11.275 | 0.300 | 6.765 | | | |
| | | Wing Wall 1m Portion Bed | 2 | | 0.616 | 0.250 | 0.308 | | | |
| | | Apran Cut of Wall | 1 | 18.200 | 0.300 | 1.000 | 5.460 | | | |
| | | (S.I.No. 5- 26b+d) | | | | | Per Cu.m | Total | 59.284 | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL ESTIMATE OF RCC BOX CULVERT (Cell No.= 3 Span = 3 Height = 2) m

| Q. NO. | DESCRIPTION | No | Length | Width | Depth/H | QTY | Rate (Rs.) | AMOUNT (Rs) |
|--|--|----|----------------|--------------|--------------|---------------|------------|-------------|
| 5 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | |
| | External Walls | 2 | 10.000 | 0.300 | 2.000 | 12.000 | | |
| | Internal Walls | 2 | 10.000 | 0.300 | 2.000 | 12.000 | | |
| | Fillet | 12 | 10.000 | 0.150 | 0.150 | 1.350 | | |
| | Main Wing Wall | 2 | 6.117 | 0.250 | 2.300 | 3.517 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | Main Wing Wall | 2 | 6.117 | 0.250 | 2.300 | 3.517 | | |
| | 1 Meter Wing Wall | 2 | 0.948 | 0.250 | 1.250 | 0.296 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 32.977 | | |
| 6 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Top slab | 1 | 10.000 | 10.200 | 0.350 | 35.700 | | |
| | (S.I.No. 5- 26a+m) | | | Per Cu.m | Total | 35.700 | | |
| 7 | Providing and laying in position ready mixed concrete for reinforced cement concrete work | | | | | | | |
| | Parapit walls | 2 | 10.200 | 0.300 | 0.600 | 3.672 | | |
| | (S.I.No. 5- 26b+e) | | | Per Cu.m | Total | 3.672 | | |
| 8 | Rip Rap Class-B | | | | | | | |
| | SP-01 D/S of Culvert Apron (S.I.No. 19-31 b) | 1 | Area 57.063 | 0.300 | | 17.119 | | |
| | | | Per Cu.m | Total | | 17.119 | | |
| 9 | Mortor Rip Rap | | | | | | | |
| | SP-02 D/S of Culvert Apron (S.I.No. 19-34a) | 1 | Area 57.063 | | | 57.063 | | |
| | | | Per Sqm | Total | | 57.063 | | |
| SUB.Total | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.Total | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Link Road

PIPE CULVERTS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PIPE CULVERT

STRUCTURE WORK

| S.NO | DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT PK RS. |
|--------------|---|------------------|-----------|------|------------------|
| A. | STRUCTURE WORK <u>PIPE CULVERT</u> | | | | |
| 1 | Pipe Culvert Single Cell | No. | 8 | | |
| 2 | Pipe Culvert Double Cells | No. | 2 | | |
| | | Total No. | 10 | | |
| TOTAL | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PIPIE CULVERT 1 CELLS (36" Outer dia)

| S.No | DESCRIPTION | No | Length | Width | Depth/H | QTY | Unit | Rate | AMOUNT (Rs) |
|------|---|----|--------|-------|--------------|---------------|------|------|-------------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21b iv) | | | | | | | | |
| | Pipe culvert | 1 | 12.000 | 1.500 | 0.300 | 5.400 | Cu.m | | |
| | Wing wall | 4 | 2.500 | 1.250 | 0.700 | 8.750 | Cu.m | | |
| | U/S D/S cut-off walls | 2 | 1.500 | 0.400 | 0.700 | 0.840 | Cu.m | | |
| | | | | | Total | 16.489 | Cu.m | | |
| 2 | Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:4:8). (S.I.No.5-5c) | | | | | | | | |
| | Pipe culvert Base | 1 | 12.000 | 1.500 | 0.100 | 1.800 | | | |
| | Wing wall | 4 | 2.500 | 1.175 | 0.100 | 1.175 | | | |
| | | | | | | 3.273 | Cu.m | | |
| 3 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi (S.I.No. 5- 26b+d) | | | | | | | | |
| | Pipe culvert (Around pipe) | 1 | 12.000 | 1.500 | 1.600 | 28.800 | | | |
| | Parapit wall | 2 | 1.500 | 0.300 | 0.600 | 0.540 | | | |
| | | | | | Total | 29.340 | Cu.m | | |
| | D/D of Pipe | 1 | 12.000 | Area | 0.636 | 7.634 | Cu.m | | |
| | | | | | | 23.877 | Cu.m | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PIPIE CULVERT 1 CELLS (36" Outer dia)

| S.No | DESCRIPTION | No | Length | Width | Depth/H | QTY | Unit | Rate | AMOUNT (Rs) |
|-------------|--|-----------|---------------|--------------|----------------|---------------|-------------|-------------|--------------------|
| 4 | <p>Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi</p> <p align="center">(S.I.No. 5- 26b+e)</p> | | | | | | | | |
| | Wing wall | 4 | 2.700 | 0.300 | 1.500 | 4.860 | Cu.m | | |
| | U/S , D/S cut-off walls | 2 | 1.500 | 0.300 | 0.600 | 0.540 | Cu.m | | |
| | | | | | | 5.940 | Cu.m | | |
| 5 | <p>Providing RCC pipe with bell and spigot or tongued and grooved joint conforming to ASTM C-76 class II wall B or B.S 3911 part I class M including cost of reinforcement 24" (600 mm) inner dia. RCC Pipe</p> <p align="center">(S.I No. 25-1b-vi)</p> | | | | | | | | |
| | | 1 | 12.000 | | | 12.000 | RM | | |
| | | | | | | 12.000 | R.M | | |
| | Sub.Total Rs. | | | | | | | | |
| | Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| | G.Total Rs. | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PIPIE CULVERT 3 CELLS (36" Outer dia)

| S.No | DESCRIPTION | No | Length | Width | Depth/H | QTY | Unit | Rate | AMOUNT (Rs) |
|------|--|----|--------|-------|--------------|---------------|------|------|-------------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21b iv) | | | | | | | | |
| | Pipe culvert | 1 | 12.000 | 3.900 | 0.300 | 14.040 | Cu.m | | |
| | Wing wall | 4 | 2.500 | 1.250 | 0.700 | 8.750 | Cu.m | | |
| | U/S D/S cut-off walls | 2 | 3.900 | 0.400 | 0.700 | 2.184 | Cu.m | | |
| | | | | | Total | 27.471 | Cu.m | | |
| 2 | Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:4:8). (S.I.No.5-5c) | | | | | | | | |
| | Pipe culvert Base | 1 | 12.000 | 3.900 | 0.100 | 4.680 | | | |
| | Wing wall | 4 | 2.500 | 1.175 | 0.100 | 1.175 | | | |
| | | | | | | 6.441 | Cu.m | | |
| 3 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi (S.I.No. 5- 26b+d) | | | | | | | | |
| | Pipe culvert (Around pipe) | 1 | 12.000 | 3.900 | 1.600 | 74.880 | | | |
| | Parapit wall | 2 | 3.900 | 0.300 | 0.600 | 1.404 | | | |
| | | | | | Total | 76.284 | Cu.m | | |
| | D/D of Pipe | 1 | 12.000 | Area | 0.636 | 7.634 | Cu.m | | |
| | | | | | | 75.515 | Cu.m | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PIPIE CULVERT 3 CELLS (36" Outer dia)

| S.No | DESCRIPTION | No | Length | Width | Depth/H | QTY | Unit | Rate | AMOUNT (Rs) |
|------|---|----|--------|-------|---------|---------------|------|------|-------------|
| 4 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. (1:1-1/2:3).4000Psi | | | | | | | | |
| | (S.I.No. 5- 26b+e) | | | | | | | | |
| | Wing wall | 4 | 2.700 | 0.300 | 1.500 | 4.860 | Cu.m | | |
| | U/S , D/S cut-off walls | 2 | 3.900 | 0.300 | 0.600 | 1.404 | Cu.m | | |
| | | | | | | 6.890 | Cu.m | | |
| 5 | Providing RCC pipe with bell and spigot or tongued and grooved joint confirming to ASTM C-76 class II wall B or B.S 3911 part I class M including cost of reinforcement 24" (600 mm) inner dia. RCC Pipe | | | | | | | | |
| | (S.I No. 25-1b-vi) | | | | | | | | |
| | | 1 | 12.000 | | | 12.000 | RM | | |
| | | | | | | 12.000 | R.M | | |
| | Sub.Total Rs. | | | | | | | | |
| | Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| | G.Total Rs. | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

DETAIL OF RETAINING WALL

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

| RCC Retaining Wall/ Brast Wall | | | Remarks |
|---------------------------------------|--------------------------------|-----------------------------|----------------|
| No. | Description | Amount (Pak Rs.) | |
| 1 | RCC Retaining Wall/ Brast Wall | | |
| TOTAL | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

RCC Retaining Wall/ Brast Wall

CSR 2023

| S.No | DESCRIPTION | QTY | Rate (Rs.) | AMOUNT (Rs) |
|---|---|------------|-------------------|--------------------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21b iv) | 93.24 | | |
| 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing. 1:4:8 (S.I.No.5-8e) | 9.32 | | |
| 3 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in charge. (1:1-1/2:3).4000Psi Bed (S.I.No. 5-26b+d) | 30.74 | | |
| 4 | Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in charge. (1:1-1/2:3).4000Psi Wall (S.I.No. 5-26b+e) | 28.62 | | |
| 5 | Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height (S.I.No. 5-65) | 5.936 | | |
| SUB.TOTAL | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | |
| G.TOTAL | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

1-Structural Excavation

| S No. | RD | | No. | Length | | Depth | Quantity (CM) |
|-----------------------|------|----|-----|--------|-------|-------|--------------------|
| | From | To | | | | | |
| 1 | | | 1 | 10.0 | 2.590 | 1.000 | 25.900 |
| 2 | | | 1 | 15.0 | 2.590 | 1.000 | 38.850 |
| 3 | | | 1 | 11.0 | 2.590 | 1.000 | 28.490 |
| | | | | 36.0 | | | |
| Total Quantity | | | | | | | 93.24 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

2-Lean Concrete

| S No. | RD | | No. | Length | | Depth | Quantity (CM) |
|-----------------------|------|----|-----|--------|-------|-------|--------------------|
| | From | To | | | | | |
| 1 | | | 1 | 10.00 | 2.590 | 0.10 | 2.59 |
| 2 | | | 1 | 15.00 | 2.590 | 0.10 | 3.89 |
| 3 | | | 1 | 11.00 | 2.590 | 0.10 | 2.85 |
| | | | | | | | |
| Total Quantity | | | | | | | 9.32 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

Bed Concrete

| S No. | From | To | No. | Length | | Depth | Quantity (CM) |
|---------------------------|------|----|-----|--------|-------|-------|--------------------|
| R/Wall (Bed Under Ground) | | | | | | | |
| 1 | | | 1 | 10.0 | 2.440 | 0.350 | 8.540 |
| 2 | | | 1 | 15.0 | 2.440 | 0.350 | 12.810 |
| 3 | | | 1 | 11.0 | 2.440 | 0.350 | 9.394 |
| Total Quantity | | | | | | | 30.744 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities

Walls Concrete

| S No. | From | To | No. | Length | | Depth | Quantity (CM) |
|-------------------------|------|----|-----|--------|-------|-------|--------------------|
| R/Wall (Wall On Ground) | | | | | | | |
| 1 | | | 1 | 10.0 | 0.300 | 2.650 | 7.950 |
| 2 | | | 1 | 15.0 | 0.300 | 2.650 | 11.925 |
| 3 | | | 1 | 11.0 | 0.300 | 2.650 | 8.745 |
| Total Quantity | | | | | | | 28.620 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

Detail Quantities of Steel

| S No. | RD | | No. | Concrete (CM) | Steel (Kgs) |
|--------------------------------|------|----|-----|---------------|----------------|
| | From | To | | | |
| 1 | | | 1 | 16.490 | 1649.00 |
| | | | 1 | 24.735 | 2473.50 |
| 3 | | | 1 | 18.139 | 1813.90 |
| Total Quantity (Kgs) | | | | | 5936.40 |
| Total Quantity (Tonnes) | | | | | 5.94 |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

| PCC Retaining Wall/ Brast Wall | | | | | Remarks |
|--------------------------------|---------------------------------|------|--------|---------------------|---------|
| No. | Description | Unit | Length | Amount (Pak Rs.) | |
| 1 | PCC Retaining Wall / Brast Wall | Rm | 30.00 | | |
| TOTAL | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PCC Retaining Wall/ Brast Wall 2 m Height

| S.No | DESCRIPTION | Unit | Rate (Rs.) | L | B | D/H | QTY | AMOUNT (Rs) |
|--|---|------|------------|-------|------|------|-------|-------------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) Ordinary Soil (S.I. NO.3-21b ii) | Cum | | 30.00 | 1.20 | 1.40 | 50.40 | |
| 2 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4"(19mm) & downgauge in foundation including leveling, compacting and curing. (1:4:8) (S.I.No.5-8e) | Cum | | 30.00 | 1.20 | 0.10 | 3.60 | |
| 3 | Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4"(19mm) & downgauge in foundation including leveling, compacting and curing. (1:2:4) (S.I.No.5-8c) | Cum | | 30.00 | 1.00 | 0.30 | 9.00 | |
| 4 | Providing & laying in situ cement concrete in wall and piers etc. upto 12"(300mm) in thickness using approved coarse sand & crushed aggregate 3/4"(19mm) & downgauge including compacting, curing, cost of formwork and its removal in basement and ground floor (1:2:4). (S.I.No. 5-13c) | Cum | | 30.00 | 0.45 | 2.00 | 27.00 | |
| SUB.TOTAL | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | |
| G.TOTAL | | | | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

SCHEDULE OF PCC WALL

| S.No | CHAINAGE FROM TO | | LENGTH (M) | SIDE | T. LENGTH (M) | HEIGHT STRAIGHT (M) | HEIGHT SLOPE 1.5:1 (M) | Remarks |
|------|---------------------|--|---------------|------|------------------|---------------------------|------------------------------|---------|
| 1 | | | 11 | 1 | 11 | 2.00 | 3.606 | |
| 2 | | | 14 | 1 | 14 | 2.00 | 3.606 | |
| 3 | | | 5 | 1 | 5 | 2.00 | 3.606 | |
| | | | | | | | | |

LENGTH (M) 30

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

PARAPET WALLS

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

| S.NO | DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT PK RS. |
|---|------------------|------|----------|------|------------------|
| 1 | PCC Parapet Wall | No. | 17 | | |
| SUB. TOTAL | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | |
| GRAND TOTAL | | | | | |

GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH

SCHEDULE OF PARAPET WAL

| S.NO | CHAINAGE FROM TO | | LENGTH (M) | SIDE | TOTAL LENGTH (M) | PARAPET WAL No,s |
|-------------|-----------------------------|--|-----------------------|-------------|---------------------------------|-----------------------------|
| 1 | | | 18 | 1 | 18 | 7 |
| 2 | | | 8 | 1 | 8 | 4 |
| 3 | | | 7 | 1 | 7 | 3 |
| 4 | | | 6 | 1 | 6 | 3 |
| | | | | | | |
| | | | | | | 17 |

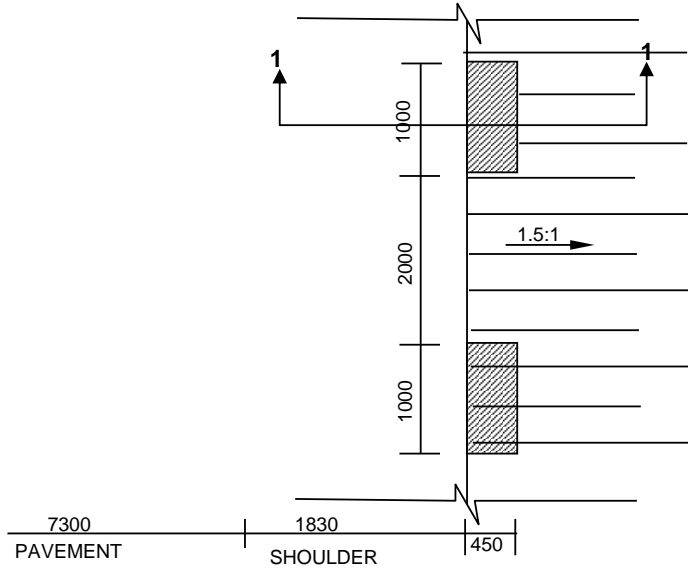
GWADAR LASBELA LIVELIHOODS SUPPORT PROJECT PHASE-II (GLLSP-II)
CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH
BILL OF QUANTITIES

Parapet Wall Per No. Cost (1.00 x 0.45 x 1.00)

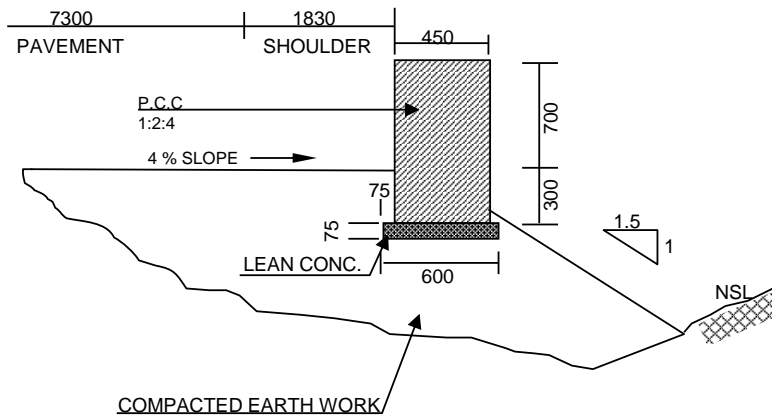
| S.No | DESCRIPTION | NO | L | B | D/H | QUANTITY | UNIT | RATE (Pak Rs) | AMOUNT (Pak Rs) |
|--|---|----|-------|-------|-------|-----------------------|------|------------------|--------------------|
| 1 | Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m) (S.I. NO.3-21iv) | 1 | 1.000 | 0.600 | 0.375 | 0.225 0.225 | Cu.m | | |
| 2 | Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1- 1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. (1:4:8). (S.I. NO. 5-5c) Lean Concrete | 1 | 1.000 | 0.600 | 0.075 | 0.045 0.045 | Cu.m | | |
| 3 | Providing and laying in situ cement concrete in wall pair etc. up to 12" in thickness using coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) & down including compaction curing cost of formwork its removal (1:2:4). (S.I.No. 5- 13 c) | 1 | 1.000 | 0.450 | 1.000 | 0.450 0.450 | Cu.m | | |
| SUB.TOTAL | | | | | | | | | |
| Above/ below ___% Premium if any on CSR 2023 | | | | | | | | | |
| G.TOTAL | | | | | | | | | |

Government of Balochistan

CONSTRUCTION OF B/T ROAD FROM KANRAJ ROAD TO SYED GOTH



PLAN OF PARAPET WALL



SECTION 1-1 OF PARAPET WALL