

| COMPOUND WALL CONSTRUCTION WITH PRE CAST CONCRETE SLABS & GATE | | | | | | | |
|--|---|---------|-----------|--------------------------|----|--------|-----|
| 20 MWp SOLAR POWER PLANT, AT MANAMUNDA, GUHIPITA VILLAGE, BOUDH DIST. ODISHA. | | | | | | | |
| S.NO | DESCRIPTION | UNIT | Quantity | Rate in figure and words | | Amount | |
| | | | | Rs. | Ps | Rs. | Ps. |
| 1 | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared as per direction of Engineer-in -charge. | 100 sqm | 30.00 | | | | |
| 2 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed as per direction of Engineer-in -charge. All kinds of soil | cum | 993.04 | | | | |
| 3 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30 cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed as per direction of Engineer-in -charge. | | | | | | |
| 3a | Ordinary rock | cum | 50 | | | | |
| 3b | Hard rock(blasting prohibited) if Required with Drilling DTH. | cum | 50 | | | | |
| 4 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size). | cum | 109.3 | | | | |
| 5 | Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand) | cum | 148.5 | | | | |
| 6 | Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. All works upto plinth level | cum | 341.22 | | | | |
| 7 | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) (Nominal mix M20) | cum | 600.87 | | | | |
| 8 | Filling available excavated earth (excluding rock) in trenches plinth, sides of foundations etc., in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering, lead upto 50 mtrs and lift upto 1.50m as per the directions of Engineer In charge | cum | 494.02 | | | | |
| 9 | Centering and shuttering including strutting, propping etc. and removal of form for : | | | | | | |
| 9a | Foundations, footings, bases of columns, etc. for mass concrete | Sqm | 3412.17 | | | | |
| 9b | Walls (any thickness of Precast Slab) including attached pilasters, butteresses, plinth and string courses etc. | Sqm | 10656.52 | | | | |
| 9c | Columns, Pillars, Piers, Abutments, Posts and Struts | Sqm | 6634.78 | | | | |
| 10 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Thermo-Mechanically Treated bars as per direction of Engineer-in -charge. | Kg | 117760.87 | | | | |
| 11 | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per direction of Engineer-in -charge for gates, angles, cattle catcher etc. | kg | 28991.3 | | | | |
| 12 | Painting on Angles and steel structures with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture as per direction of Engineer-in -charge. | sqm | 947.83 | | | | |
| 13 | Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately) | metre | 4300 | | | | |

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| | | | | Rs. | Ps | Rs. | Ps. |
| 14 | Precast slab alignment with motor grouting or Brick edging 7cm wide 11.4cm. deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (Compound wall slab alignment and packing) including grouting with cement mortar 1:4 (1 cement : 4 fine sand) as per direction of Engineer-in -charge. | metre | 20565.22 | | | | |
| Total Amount of Works (Rs.) | | | | | | | |
| Add Works contract tax (Indicate % Applicable) -----% | | | | | | | |
| Add Service tax (Indicate % Applicable)-----% | | | | | | | |
| Grand Total Amount of Activity Inclusive of WCT+ST (Rs.) | | | | | | | |
| Grand Total Amount of Activity Inclusive of WCT+ST in Words:..... | | | | | | | |