

**BILL OF QUANTITY (BOQ)**

**Name of the work - "Construction of Model Anganwadi Center at Lungei Basti, Lungei GP Under Lathikata Block"**

**TENDER SCHEDULE**

| SL.NO. | DESCRIPTION OF ITEM  | UNIT | QUANTITY | RATE    | AMOUNT(RS) |
|--------|--|------|----------|---------|------------|
| 1      | Earth work in excavation of foundation in hard soil Within initial lead of 50m. and 1.5m. initial lift Including rough dressing and leveling the bed as directed by the Engineer-in-charge.  | CUM  | 94.77    | 211.00  | 19996      |
| 2      | Filling in Foundation and Plinth with sand well watered and rammed including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.   | CUM  | 50.40    | 442.60  | 22307      |
| 3      | Cement Concrete(1:3:6)with 4 Cm. size H.G.C.B. metal including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.   | CUM  | 23.90    | 5367.10 | 128274     |
| 4      | C.C. (1:2:4) with 12mm and down grade C.B. chips approved quality from approved quarry including hoisting, laying hire charges of concrete mixture, vibrator, watering, curing and including cost, carriage, royalty, cost of all labour T.&P. etc complete and as directed by E.I.C.  | CUM  | 3.26     | 6909.00 | 22510      |
| 5      | 2.5 cm thick damp Proof Course in cement Concrete (1:2:4) using 12 mm size hgcb chips with all cost of materials, conveyance, labour, T&P etc. complete.   | SQM  | 20.20    | 321.60  | 6496       |
| 6      | Brick masonry work with Fly Ash bricks in cement mortar (1:6) F & P including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.  | CUM  | 31.81    | 5022.90 | 159773     |
| 7      | Brick masonry work with Fly Ash bricks in cement mortar (1:6) in super structure including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.   | CUM  | 45.90    | 5056.30 | 232084     |
| 8      | Brick masonry work with Fly Ash bricks in cement mortar (1:4) in super structure including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.   | CUM  | 3.00     | 5301.40 | 15904      |
| 9      | RCC work of M 20 grade with 20 mm and down grade black hard granite (Crusher Broken) chips including hoisting and laying & royalty of materials etc. complete as per the direction of Engineer-in-charge.  | CUM  | 34.10    | 5903.70 | 201316     |
| 10     | Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel. etc. complete.   | QTL  | 32.11    | 8875.70 | 284963     |
| 11     | Rigid smooth centering and shuttering for RCC work including flase work and dismantling them after casting.  |      |          |         |            |
|        | (a) Column base footings   | SQM  | 21.90    | 234.70  | 5141       |
|        | (b) Plinth Band  | SQM  | 20.50    | 234.70  | 4811       |
|        | (c) Lintel Band  | SQM  | 30.40    | 529.40  | 16094      |
|        | (d) Beam and Column  | SQM  | 47.90    | 1022.00 | 48954      |
|        | (e) Roof slab, Chajja.   | SQM  | 138.00   | 676.90  | 93412      |
| 12     | 12 mm. thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.   | SQM  | 258.90   | 153.80  | 39819      |
| 13     | 12mm thick C.P. in C.M.(1:4) over brick masonry to the smooth surface with neat cement punning including watering curing, cost, carriage, royalty, and taxes of all  | SQM  | 21.01    | 176.20  | 3702       |
| 14     | 16 mm. thick cement plaster with cement mortar (1:6) over brick work including cost, carriage & royalty of materials etc. complete as per the direction of Engineer-in-charge.   | SQM  | 358.50   | 219.70  | 78762      |
| 15     | 6 mm thick cement plaster (1:4) to RCC surfaces finished smooth including closed deep chipping and slury treatment, watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, T&P etc complete as per the direction of E.I.C.  | SQM  | 93.70    | 172.20  | 16135      |
| 16     | Supplying, fitting and fixing vitrified tile (Printed) in floors of size 600mm x 600mm of approved make conformaimg to IS : 13755 laid on 20 mm thick cement mortar (1:4) (1 cement :4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C. (For New work only)  | SQM  | 69.00    | 1141.00 | 78729      |
| 17     | Fixing Vitrified tiles (size 600mmx600mm) (Printed) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.   | SQM  | 7.70     | 1251.40 | 9636       |
| 18     | Fixing glazed tiles (20cmx30cm / 20cm x 20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shades of the tiles including cost of tiles.                                     | SQM  | 26.30    | 913.90  | 24036      |
| 19     | Fixing glazed tiles (30cmx30cm / 40cm x 40cm special plain/printed series ceramic tiles of premium grade having thickness 7 mm to 8mm confirming to IS 13755) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1cement : 4sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including cost of tiles.                        | SQM  | 3.60     | 855.50  | 3080       |
| 20     | Supplying, fitting and fixing Industrial Vitrified tile in floors of size 300mm x 300mm of approved make conformaimg to IS : 4457 laid on 20 mm thick cement mortar (1:4) (1 cement : 4 course sand) and filling joints with white cement of approved quality including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C. (For New work only) | SQM  | 6.30     | 1004.60 | 6329       |
| 21     | Supplying, fitting and fixing Industrial Vitrified tile in dadoes of size 300mm x 300mm of approved make conformaimg to IS : 4457 laid on 12 mm thick cement mortar (1:3) (1 cement : 3 course sand) including cost of all materials, labour T&P etc. required for the work all complete as per direction of E.I.C. (For New work only)  | SQM  | 2.70     | 1115.00 | 3011       |
| 22     | Fixing Granite tiles above 0.40 Sqm. in floors treads or steps and on 20mm thick bed of cement mortar 1:4 (1cement : 4 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including cost, carriage, royalty & taxes of all materials, cost of all labours T&P etc complete   | SQM  | 3.30     | 2770.60 | 9143       |
| 23     | 2.5cm thick grading concrete (1:2:2) on roof slab with 6mm size hard crusher broken granite chips on new work including watering curing cost of all materials, water-proofing compounds, J.& P. required for the works etc complete.   | SQM  | 105.10   | 339.40  | 35671      |

|   |  |     |        |          |         |
|---|--|-----|--------|----------|---------|
| 24  | Priming 1 coat to M.S. doors and Windows including all labour, materials, T&P etc. complete.   | SQM | 14.20  | 61.10    | 868     |
| 25  | Painting 2 coats with any approved paint in iron works including sand papering, polishing surfaces, cost of paints, cost of all labour, T&P, etc complete in all floors as per direction of  | SQM | 14.20  | 152.60   | 2167    |
| 26  | Finishing surface of walls with Cement based wall putty & making smooth to receive painting including cost of scaffolding etc. with cost of all materials, labour T&P etc. complete.   | SQM | 453.70 | 76.80    | 34845   |
| 27  | Priming 1 coat with wall primer water bond cement primer including all labour, materials, T&P etc. complete.   | SQM | 677.10 | 66.80    | 45231   |
| 28  | Finishing to the exposed surfaces of wall with weather coat of any approved shade on new work 2 coats to give an even shade including cost of weather coat all cost of all labours and T&P etc. complete .   | SQM | 353.00 | 82.20    | 29017   |
| 29  | Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade including cost of paint etc complete.  | SQM | 324.10 | 89.10    | 28877   |
| 30  | Supplying, fitting and fixing of 32mm thick flush door shutter with approved quality of 30mm thick BWR block board pasted with 1mm thick sunmica on both side of approved design and quality including cost of all door fittings and fixtures etc. complete  | SQM | 10.50  | 10775.30 | 113141  |
| 31  | Supplying, fitting and fixing of two track UPVC sliding window of approved make with 6mm thick glass of approved quality complete with frame, shutters and all fitting and fixtures.   | SQM | 10.44  | 5010.60  | 52311   |
| 32  | Supplying of M.S Gate ,M S sheet and angle welded doors and windows with all fittings of approved design and size at worksite including all cost of materials, loading, unloading, transporting charges & priming one coats with approved primer etc. complete   |     |        |          |         |
|   | a)M.S. Grill & M.S. Gate   | KG  | 230.30 | 57.60    | 13265   |
|   | b)FRP Door D3  | SQM | 3.15   | 2000.00  | 6300    |
|   | c)WPC chokath with any approved quality including fitting & fixing in position complete. ( Section : 10cm x 7.5cm)   | RMT | 26.00  | 600.00   | 15600   |
| 33  | Fitting, fixing of iron doors / windows shutter with frame of approved design and size with all labour and T&P required for the work etc complete as per the direction of the Engineer-in-charge   | SQM | 10.90  | 94.30    | 1028    |
| 34  | Supplying and fixing of 60mm thick cement concrete interlocking paver block of M-30 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018.  | SQM | 12.00  | 490.10   | 5881    |
| 35  | Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50 mm dia of 2 mm thick circular pipe with Balustrade of size 32 mm x 32mm x 2mm @ 0.90 mtr C/C and stainless square pipe bracing of size case as per approved design and specification, buffing, polishing etc. with the cost, conveyance taxes of all material, cost of all labour etc. complete in all respect. (In all floor)  | KG  | 25.00  | 290.80   | 7270    |
| 36  | Cost for Electrification (To be paid as per actual maintaining all formalities)  | LS  |        |          | 78897   |
| 37  | Cost for PH & Sanitary (To be paid as per actual maintaining all formalities)  | LS  |        |          | 78897   |
| 38  | Cost Of Transparency Board.  | LS  |        |          | 5000    |
| 39  | Cost of Office Sign Board after completion of work.  | LS  |        |          | 5000    |
| 40  | Cost Of Site development, approach road, photography & other unforeseen items etc  | LS  |        |          | 800     |
| <b>SINKING OF 125MM x 100MM DIA TUBE WELL THROUGH FAST DRILLING SOPHISTICATED RIG (DTH)</b> |  |     |        |          |         |
| 41  | Supplying all labour & 1 & P for drilling a perfectly vertical bore of specified dia for a specified depth below ground level through consolidated and unconsolidated rock with down the hole hammer drilling rigs or combination drilling rigs ( 650 cfm/ 2.00 psi ) as required to suit the site condition as per the direction of Engineer-in-Charge including use of own rigs with its accessories,tools and plants and consumables etc. for lowering of 125mm dia PVC/GI pipes for housing fitted with socket and with or without well screen as per the necessity for soft,medium,hard and boulder formation (GI/PVC casing pipes if required to prevent collapse of over burden is to be provided by the contractor including lowering and withdrawing after completion of the tube well) |     |        |          |         |
|   | 00 mtr to 30.00 mtr  | Mtr | 30.00  | 680.00   | 20400   |
|   | 30 mtr to 90.00 mtr  | Mtr | 60.00  | 560.00   | 33600   |
| 42  | Labour for Lowering the 125mm dia PVC/G.I. pipes with or without soltted pipes as per the necessity from ground level and fitted up in perfectly vertical position including cutting and threading pipe and soltted pipe and supplying and fixing all joints materials, tools and plants etc. complete and keeping the top of the casing pipe threaded including plugging tube wells to prevent entry of foreign materials from above.   | Mtr | 30.00  | 121.00   | 3630    |
| 43  | clear and adequate discharge is obtained from the tube well including supply and use of all necessary equipment and labour as per the direction of Engineer-in- Charge   | No  | 1.00   | 3622.00  | 3622    |
| 44  | Cost of submersible Pump 1 HP including all fitting and fixing in position, cost of cable wire, rope wire, HDPE, panel board etc. complete.  | No  | 1.00   | 30000.00 | 30000   |
|   | Total 1 to 44 (Amount put to tender)   |     |        |          | 2185734 |
|   | Contingency @1%  |     |        |          | 21857   |
|   | GST (18%)  |     |        |          | 393432  |

|         |  |                   |  |         |
|---------|--|-------------------|--|---------|
| G.TOTAL |  |                   |  | 2601024 |
|         |  | Limited to Say RS |  | 2601000 |

(Rupees twenty six lakhs one thousand) only  
*M. Mohanty*  
 Junior Engineer  
 Lathikata Block

*[Signature]*  
 Asst. Exe Engineer  
 Lathikata Block

*[Signature]*  
 Block Development Officer  
 Lathikata Block

The tenderer are required to put their percentage of rate in the blank space given below, falling which the tenderer document will be rejected.

my/our quoted rate is \_\_\_\_\_%(figure) \_\_\_\_\_(in words)

\*Less than/Excessover/Equal to the amount put to tender.

|   |  |
|---|--|
| Total number of items.....                              |  |
| Number of corrections.....                              |  |
| Number of interpolation.....                            |  |
| Number of over writing.....                             |  |
| E.M.D. Furnished/E.M.D. Exempted                        |  |
| (A)Demand Draft No.....                                 |  |
| (B)Amount RS.....                                       |  |
| Copy PAN card furnished/not furnished                   |  |
| Copy of GST Registration furnished/not furnished        |  |
| Copy of contractor Licence: furnished/not furnished     |  |
| Copy of Experience certificate: furnished/not furnished |  |
| Total No. of sheets in the Tender Paper.....            |  |

(Full Signature Of Contractor)

Signature of the Contractor