

# BILL OF QUANTITY

NAME OF THE WORK: - Construction of proposed Subcenter Building at Taramakanta under  
Banspal block for the year 2021-22

TENDER AMOUNT

Rs. 2,058,558.00

COST OF TENDER PAPER

Rs 6000.00

TIME OF COMPLETION

6 ( Six) months

CLASS OF CONTRACTOR

C & B

| SI No | Item of Work  | Quantity | Unit      | Rate     | Amount    |
|-------|---|----------|-----------|----------|-----------|
| 1     | 2   | 3        | 4         | 5        | 6         |
| 1     | Earth work in excavation of foundation in hard soil or gravelly soil within 50 m initial lead and initial lift, including dressing and levelling the bed etc. complete  | 91.01    | Each cum  | 207.89   | 18920.07  |
| 2     | Supplying and filling foundation and plinth with sand wall watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.  | 91.01    | Each cum  | 138.59   | 12613.38  |
| 3     | Supplying and filling foundation and plinth with sand wall watered and rammed with cost conveyance and royalty, taxes of all materials and labour (T&P) etc. complete.  | 68.12    | Each cum  | 776.82   | 52916.68  |
| 4     | Cement Concrete (1:3:6) in Foundation using 4 cm size bhg metal including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge. | 21.46    | Each cum  | 4818.21  | 103398.80 |
| 5     | Cement Concrete (1:1.5:3) using 12mm size cbhg chips including watering, curing with cost, conveyance, royalty and taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.            | 0.74     | Each cum  | 7079.32  | 5238.70   |
| 6     | R.C.C. M20 using 20 mm & down size b.h.g.c.b chips including watering, curing with cost, conveyance, taxes and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.   |          |           |          |           |
| A     | Foundation footing  | 13.40    | Each Cum  | 5398.03  | 72333.57  |
| B     | Plinth Beam   | 5.44     | Each Cum  | 5758.05  | 31323.77  |
| C     | Column and Beams ( GF )   | 8.1      | Each Cum  | 11121.60 | 90084.96  |
|       | Column and Beams ( FF )   | 0.55     | Each Cum  | 12370.03 | 6803.52   |
| D     | Lintel( GF )  | 3.39     | Each Cum  | 8970.21  | 30409.01  |
|       | Lintel ( FF )   | 0.1      | Each Cum  | 9788.36  | 978.84    |
| E     | Sunshade( GF )  | 9.47     | Each Sqm  | 813.63   | 7705.05   |
|       | Sunshade( FF )  | 0.84     | Each Sqm  | 911.52   | 765.68    |
| F     | R.C.C Shelves   | 2.14     | Each Sqm  | 777.94   | 1664.80   |
| G     | R.C.C Stair   | 1.52     | Each Cum  | 10650.61 | 16188.93  |
| H     | Roof slab,landing & Chajja  | 10.27    | Each Sqm  | 9541.73  | 97993.54  |
| 7     | Cutting, Bending, binding and tying the grills and placing in position including cost, conveyance, taxes of all materials and cost of all labour (T&P) etc. complete as per the direction of Engineer-in-Charge.                            | 47.74    | Each Qntl | 8979.21  | 428667.49 |

|    |  |        |          |         |            |
|----|--|--------|----------|---------|------------|
| 8  | 20mm thick C.P. (1:4) as grading plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.  | 89.81  | Each Sqm | 240.33  | 21584.36   |
| 9  | Fly Ash Brick masonry with CM (1:6) in foundation including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.  | 27.23  | Each Cum | 4575.85 | 124600.41  |
| 10 | Fly Ash Brick masonry with CM (1:6) in superstructure including watering, curing with cost, conveyance, royalty and taxes of all materials & labour (T&P) etc. complete as per the direction of Engineer-in-Charge.  |        |          |         |            |
| A  | GF   | 44.96  | Each Cum | 4609.18 | 207228.76  |
| B  | FF   | 10.20  | Each cum | 5300.55 | 54065.63   |
| 11 | 16mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.   |        |          |         |            |
| A  | GF   | 319.64 | Each Sqm | 205.89  | 65809.72   |
| B  | FF   | 63.25  | Each Sqm | 210.14  | 13291.33   |
| 12 | 12mm thick C.P. (1:6) including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.   |        |          |         |            |
| A  | GF   | 304.03 | Each Sqm | 145.43  | 44215.54   |
| B  | FF   | 50.30  | Each Sqm | 150.20  | 7555.24    |
| 13 | Supplying, fitting, fixing of Vetrified tile flooring on 20mm thick bed of C.M. (1:4) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.     | 72.93  | Each Sqm | 987.70  | 72032.85   |
| 14 | Supplying, fitting, fixing of Vetrified tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.            | 13.5   | Each Sqm | 1402.23 | 18930.105  |
| 15 | Supplying, fitting, fixing of Ceramic Glazed Wall tile in walls on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.  | 24.41  | Each Sqm | 1092.19 | 26660.3579 |
| 16 | Fixing tiles (Vitrified Industrial Tiles) in floors treads or steps and landing on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 sand) jointed with neat cement slury mixed with pigment to match the shades of the tiles including rubing and polishing with cost,coveyance of all materials etc. complete.                         |        |          |         |            |
| A  | GF   | 28.72  | Each Sqm | 1291.57 | 37093.89   |
| B  | FF   | 0.33   | Each Sqm | 1317.99 | 434.94     |
| 17 | Supplying, fitting, fixing of Vetrified Industrial tile in dados on 12mm thick C.P. (1:3) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge. | 8.04   | Each Sqm | 1291.57 | 10384.22   |

|              |  |         |          |            |                   |
|--------------|--|---------|----------|------------|-------------------|
| 18           | Supplying, fitting, fixing of Ceramic Floor tiles ( ANTISKID ) on 20mm thick bed of C.M. (1:4) jointed with neat cement slurry & pigment to match the shade including watering & curing with cost, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.  | 7.8     | Each Sqm | 1037.12    | 8089.54           |
| 19           | 6mm thick C.P. (1:4) as ceiling plaster including watering, curing, conveyance, royalty & all taxes of materials & labour with T&P required for the work etc. complete as per direction of Engineer-in-Charge.   |         |          |            |                   |
| A            | GF   | 141.06  | Each Sqm | 159.11     | 22443.77          |
| B            | FF   | 1.77    | Each Sqm | 162.44     | 287.53            |
| 20           | Providing, supplying and fitting and fixing of M.S. Door / Window shutters, gates & M.S. grills as per approved design etc. complete.  | 1723.85 | Each KG  | 92.93      | 160196.70         |
| 21           | Supplying, fitting, fixing up window (sliding type) made up aluminium section 9778 as window frame Section No. 4095, 4096 and 9777, 3994 as shutter frame pannel fitted with rubber beading including locking arrangement including all fitting including cost of materials all taxes of labour, T&P etc. complete.  | 1.12    | Each Sqm | 3651.23    | 4089.38           |
| 22           | Providing MS Colour sheets (as per IS :14871) up to any pitch and fixing with polymer coated J or L hook and bitumen washer and bolt etc. complete with supply of all labour, taxes, T & P etc.(As SR-page no 127/36   | 13.44   | Each Sqm | 657.40     | 8835.47           |
| 23           | Wall painting two coat with plastic emulsion paint over a coat of priming including cost of all materials and labour etc.  |         |          |            |                   |
| A            | GF   | 413.05  | Each Sqm | 155.42     | 64195.97          |
| B            | FF   | 25.14   | Each Sqm | 156.69     | 3939.17           |
| 24           | Painting two coats over a coat of primer with any approved Enamel paints including cost, conveyance of all materials and labour (T&P) etc. complete as per the direction of Engineer-in-Charge.  | 87.29   | Each Sqm | 179.98     | 15710.76          |
| 25           | Finishing out side wall surface with Weather Coat (I.S.I) two coats with any approved shade over a coat of priming including cost of all materials and labour (T&P) etc. complete as per the direction of Engineer-in-Charge.  |         |          |            |                   |
| A            | GF   | 326.87  | Each Sqm | 135.19     | 44188.74          |
| B            | FF   | 92.43   | Each Sqm | 159.32     | 14725.76          |
| 26           | Supplying, fitting afixing of stainless steel of 304 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm @ 0.90mtr, C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc. with cost conveyance, taxes of all materials labour, T&P etc. required for the complete as per the direction of Engineer-in-Charge | 7.61    | Each Rmt | 3501.98    | 26650.04          |
| 27           | Providing and fixing 100 mm dia PVC rain water pipe 1 mtr long with all cost of labour and materials etc. complete.  | 13.24   | Each Rmt | 250.05     | 3310.66           |
| <b>TOTAL</b> |  |         |          |            | <b>2058557.60</b> |
|              |  |         |          | <b>say</b> | <b>2058558.00</b> |

TOTAL 27 (Twenty Seven) NOS ITEM ONLY

Approved for 27(Twenty Seven) items only

*M. A. W.*  
*14/12/21*  
Assistant Engineer  
NHM, Keonjhar

*15.12.2021*  
Executive Engineer  
DRDA Keonjhar

**TO BE FILLED BY THE TENDERER**

1) My/ Our quoted rate is (both in figure and words)

Equal to Estimate Cost  
Excess in Percentage  
Less in Percentage

| in words | In Figure |
|----------|-----------|
|          | %         |
|          | %         |
|          | %         |

**Notes:-**

- 1) The Tenderer should quote the percentage up to one decimal point only.
- 2) The Tenderer should go through the special conditions in the DTCN for percentage rate contract before tendering.
- 3) The Tenderers should quote their percentage only inside the space provided for the purpose.
- 4) The percentage quoted at any other place will not be taken into consideration.

Executive Engineer  
DRDA Keonjhar

*15/12/2021*  
Block Development Officer  
Banspal Block

Signature of the Contractor