

Bill of Quantity

**NAME OF THE WORK : Construction of G.P
Khela Padia at Khadiadiha,Raghnathpur GP for
2023-24 under DMF**

| | |
|---------------------------|--------------------|
| Estimated cost | :- Rs.4037114.00 |
| Amount put to tender | :- Rs.3075788.00 |
| Class of Contractor | :- C & B |
| Cost of Tender Paper | :- Rs. 6,000.00 |
| Earnest money Deposite 1% | Rs.30758.00 |
| Time of completion | :- 4 (Four) Months |

| SL No. | Description of Items | Unit | Quantity | Rate | Amount |
|--------|---|-----------------|----------|---------|-----------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Earthwork in excavation of foundation in hard soil or gravelly soil except sheet rock requiring blasting to proper profile with all leads, lifts and delifts to proper section and profile including dressing and levelling the bed upto required depth and making it fit for laying concrete and depositing the excavated materials away from the work site with all leads and lifts including dewatering if necessary from foundation complete as directed by Engineer-in-Charge. | One Cubic Meter | 195.78 | 204.72 | 40079.81 |
| 2 | Earth work excavation in hard soil/ Gravelly soil by manual means from 1.5 upto 3m as direction of EIC | One Cubic Meter | 6.42 | 220.99 | 1418.23 |
| 3 | Excavation,loading,unloading and carriage by mechanical means of all kinds of soil including stoney earth, gravel and moorum etc. interspread with boulders upto 1/2 cum size all lifts and delifts including trimming of slopes and bed to design section and depositing the excavated materials away from work site as per the specification and as directed by the E.I.C within initial lead of 3 km from the place of excavation etc. complete.A/R Item No.16,Page-19 | One Cubic Meter | 2364.50 | 101.80 | 240706.41 |
| 4 | Filling in foundation and plinth with sand, watered and rammed including cost, conveyance & royalty of materials with labour and T&P required for the work. | One Cubic Meter | 132.08 | 1027.60 | 135730.51 |
| 5 | Cement concrete of proportion (1:3:6) with 40mm & down graded size hand broken H.G. metal for foundation concrete approved quality from approved quarry including hoisting, lowering and laying concrete to the required level ramming, watering, curing etc. complete including cost, conveyance & royalty of materials with all labour charges. | One Cubic Meter | 21.23 | 5262.20 | 111712.99 |
| 6 | CC work of M-20 grade with 20mm and down grade black hard granite (crusher broken) stone chips including hoisting and laying,A/R Item no.4,Page-49. | One Cubic Meter | 2.16 | 5648.40 | 12200.54 |

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|----|--|-----------------|-------|----------|-----------|
| 7 | Plain Cement Concrete of M-15 grade using 20 mm and down size hard crusher broken granite stone chips of approved quality & from approved quarry including lowering, laying the concrete, watering and curing etc. complete to required levels laid in layers including cost, conveyance, royalties & taxes of all materials & cost of all labour with T & P required for the work etc all complete in all respect as per Direction of the Engineer in charge . | One Cubic Meter | 28.87 | 5226.00 | 150892.13 |
| 8 | Brick work with Fly Ash Bricks in cement mortar (1:6) in F & P of size 9"x5"x3" having crushing strength not less than 75 kg/cm ² with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect. | One Cubic Meter | 52.65 | 4940.70 | 260147.03 |
| 9 | Brick work with Fly Ash Bricks in cement mortar (1:6) in Superstructure of size 9"x5"x3" having crushing strength not less than 75 kg/cm ² with dimensional tolerance ± 8% including splays cutting circular moulding chamfering and corbelling and similar such type of works with all necessary projections watering and curing after immersing the bricks in water at least for six hours before use including cost, conveyance & royalty of materials with labour charges etc complete in all respect. | One Cubic Meter | 93.03 | 4978.61 | 463171.46 |
| 10 | RCC M-20 work with cement concrete with crushed granite 20mm down grade course aggregate of approved quality mixing by concrete mixer including hoisting, lowering and laying the concrete in position to proper slope and level and compacting by Vibrators in layers .not exceeding 0.15m depth including watering, curing for required period 28 days, centering & shuttering and finishing exposed surface smooth providing grooves wherever necessary including cost, conveyance, royalty and | | | | |
| a | Column Base | One Cubic Meter | 18.21 | 5995.18 | 109171.74 |
| b | Plinth Beam | One Cubic Meter | 20.08 | 5648.35 | 113421.98 |
| c | Column & Beam | One Cubic Meter | 10.08 | 13650.03 | 137652.28 |

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|----|--|------------------|---------|---------|-----------|
| 11 | Straightening bent up or coiled M.S. rod or HYSD steel (Fe- 415), cutting, bending, cracking, hooking, welding or jointing (if required), the M.S rod or HYSD steel and binding, tying the grills, hoisting, lowering and placing in proper position as required for RCC works including cost, conveyance and taxes of M.S. rod or HYSD steel and binding wires of 18 to 20 gauge and labour charges required for the work etc complete. | One Quintal | 28.71 | 8688.92 | 249477.78 |
| 12 | 16mm (5/8") thick cement plaster (1:6) finishing smooth to inside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete. | One Square Meter | 538.44 | 220.00 | 118456.07 |
| 13 | 12mm thick cement plaster (1:6) finishing smooth to Outside rough surface of 9"/10" thick brick walls after racking out the joint including watering and curing with cost, conveyance, royalties and taxes of all materials and cost of all labour charges required for the work etc complete. | One Square Meter | 525.99 | 154.90 | 81475.33 |
| 14 | 6 mm thick cement plaster in cement mortar (1:4) to RCC surface finished smooth including deep chipping and slury treatment including punning including cost, conveyance & royalty of materials. | One Square Meter | 117.78 | 168.20 | 19810.82 |
| 15 | 2.5 CM thick AS flooring with CC(1:2:4) | One Square Meter | 13.80 | 333.50 | 4602.30 |
| 16 | Painting two coats with any approved synthetic enamale paint of approved quality shade and make over a coat of priming to new wood work/ iron work including cost of the primer and paint, sand papering polishing the surface with cost, conveyance, royalty, taxes with all labour charges. | One Square Meter | 23.01 | 214.70 | 4940.35 |
| 17 | Priming 1 coat with any approved Primer for Plaster Surface | One Square Meter | 1173.26 | 68.60 | 80485.66 |
| 18 | Wall painting with two coats weather coat paint of approved shade on new work to give an even shade including cost of paint. | One Square Meter | 1173.26 | 93.90 | 110169.14 |
| 19 | Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibrator compaction of approved size design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. | One Square Meter | 672.73 | 716.91 | 482289.02 |

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|----|--|------------------|--------|--------|------------|
| 20 | MS round pipe section wrought and put up at truss and purlin including fabrication and erection with all complete as per direction of EIC. | One Kilogram | 825.01 | 140.89 | 116233.72 |
| 21 | Supplying and fixing Colour G.C.I sheet on roof drilling hole in wind ties including fixing of ridges valley etc excluding cost of fittings. | One Square Meter | 28.80 | 563.90 | 16240.32 |
| | | | | | 3060485.61 |
| 22 | Quality Control | 0.50% | | | 15302.43 |
| | | | | | 3075788.04 |
| | | | | say | 3075788.00 |

Rupees Thirty Lakh Seventy Five Thousand Seven Hundred Eighty Eight only

Tender schedule for the project:-Construction of G.P Khela Padia at Khadiadiha,Raghunathpur GP for 2023-24 under DMF is approved for Rs.3075788.00 (Rupees Thirty Lakh Seventy Five Thousand Seven Hundred Eighty Eight) only with 22(Twenty Two) items only.

G.S.T cost is 18%(CGST9%+SGST9%) & with Labour welfare cess 1% will be added at the time of of agreement.


14/07/23
Asst Executive Engineer
Keonjhar Sadar


14/07/2023
Block Development Officer
Keonjhar Sadar


14/07/2023
Addl. EO(Tech)
ZP,Keonjhar

My /Our quoted rate is ----- % Excess/Less/Equal
to the corresponding estimate rate
(Write both in words and Figures)

NOTES:-

1. The Contractor should not write anything except quoting of percentage,excess/less/equal to the amount to Tender and in any case any thing else regarding tender rate is mentioned,the Tender is liable for rejection.
2. Strike out which are not applicable.
3. Percentage quoted by the contractor shall be accurately filled in figure and words,so that there is no discrepancy.
4. If any discrepancy is found in the percentage quoted in words and figures then the percentage quoted by the contractor in words shall be taken as correct.
5. The percentage quoted in the tender with out mentioning excess or less will be treated as excess.
6. The contractor should write percentage excess or less up to two decimal point only.If he/her writes the percentage excess or less more than two decimal points it will be treated as cancelled.

Contractor

**Block Development Officer
Sadar Block**