

TENDER REF:6300037967

Date: - 09.09.2022

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| ISSUED TO: | PERIOD OF CONTRACT | Five (05) MONTHS |
| | EMD: - | Rs. 59,200/- |

SUB:- PROPOSED CONSTRUCTION OF SIZE STONE MASNORY COMPOUND WALL AT NORTHERN SIDE OF THE FACTORY NEAR DOG KENNEL AREA FOR DEMARCATION OF OPERATIONAL AND SURPLUS LAND AT BANGALORE COMPLEX, BEML LIMITED , BANGALORE.

SCHEDULE 'A' BILL OF QUANTITIES

| Sl. no | Description | Unit | Qty. | Rate/ Unit in fig. & in words Rs. | Amount Rs. |
|--------|---|------|------|-----------------------------------|------------|
| 1 | Demolition/ dismantling the existing cement concrete flooring / hard standing concrete in any description and in any position including lead/lift and stacking the debris etc; complete all as specified and directed by Engineer in charge. | Cu.M | 20 | | |
| 2 | Earthwork excavation by mechanical/ manual means in foundation trenches, pits, drains etc., not exceeding 1.50m in width and not exceeding 1.50m in depth in all kinds of soil but excluding hard rock for foundation including, dewatering rain/ground water, getting out the excavated earth, dressing of sides, ramming of bottom, compaction and stacking the excavated earth all at a place including lead, lift etc., complete including lead all as specified and as directed by Engineer in charge. | Cu.M | 150 | | |
| 3 | Providing and laying in Position Plain cement concrete of mix proportion 1:3:6 using 40mm down graded granite aggregate, machine mixed concrete laid in layers not exceeding 15cms well compacted for foundation bed, under floors and other similar works including curing etc complete all as specified and directed by Engineer in charge. | Cu.M | 15 | | |
| 4 | Providing and constructing size stone masonry wall in foundation built in CM 1:6, well bonded, bedded and solidly hearted in courses not less than 20cms high using good quality granite size stones below ground level including curing etc., complete all as specified and directed by the Engineer in charge | Cu.M | 95 | | |
| 5 | Returning & filling the available earth in plinth, trenches, foundations with good quality earth of non swelling type, free from organic materials, consolidating in layers of not more than 200mm including watering, etc complete all as specified and directed by Engineer-in-charge. Note: Net consolidated volume shall be measured for payment purpose. | Cu.M | 40 | | |

| Sl. no | Description | Unit | Qty. | Rate/ Unit in fig. & in words Rs. | Amount Rs. |
|--------|--|------|------|-----------------------------------|------------|
| 6 | Carting away unwanted and unusable excavated soil, debris outside the site premises to a Distance not exceeding 5.00km including all lead and lift etc., complete all as specified and directed by Engineer in charge. Note :- The measurements shall be made after deducting the filling quantities from excavated quantities. | Cu.M | 20 | | |
| 7 | Providing and constructing size stone masonry superstructure wall built in CM 1:6, well bonded, bedded and solidly hearted in courses not less than 20cms high using good quality granite size stones including chisel/hammer dressing to face stones & corner stones of pillars including curing etc., complete all as specified and directed by the Engineer in charge. Note: The rate quoted is deemed to include for providing and removal of scaffolding wherever required. | Cu.M | 137 | | |
| 8 | Providing mixing and laying in position plain cement concrete of Mix proportion 1:2:4 of required thickness for coping/plinth concrete/ similar works, using 20mm size down graded granite aggregate, machine mixed, compacted & top surface finished smooth & even using extra cement mortar as per site requirement etc complete all as specified and directed by Engineer in charge. | Cu.M | 8 | | |
| 9 | Providing and laying in position reinforced Cement Concrete of mix proportion 1:1.5:3 M20 Grade for beams / similar works using 20mm size down graded granite aggregates, mechanical mixing and placing at all levels, vibrating, compacting, curing and finishing, lead, lift, etc., complete all as specified and directed by Engineer in charge. Note : The rate quoted is deemed to include for providing and removal of scaffolding, staging wherever necessary. | Cu.M | 11 | | |
| 10 | Providing TMT bars (Fe 500 grade) in reinforcement conforming to relevant IS in various diameter for various location & at all levels, cut to length & bent to required shape, binding with MS wire and placing in position including all lead, lift, labour, tools & tackles, etc complete all as specified and directed by Engineer in Charge. Note: a) Reinforcement shall be measured based on actual quantity placed in position on standard weight basis and no allowance shall be made for rolling margin. b) Only authorised laps, chairs & spacers shall be measured & paid. | Kgs | 700 | | |
| 11 | Providing, erecting and removal of leak proof formwork for RCC beams & similar RCC works (Centring and shuttering including strutting, propping etc) using wooden formwork supports, metal propping, MS pipe ties, bracings, staging, applying of chemical / releasing agent to wood/steel surfaces to avoid sticking of cement so as to have a smooth finish at all levels while casting the concrete member of any shape, size and thickness etc complete all as specified and directed by Engineer in charge. | Sq.M | 110 | | |

| Sl. no | Description | Unit | Qty. | Rate/ Unit in fig. & in words Rs. | Amount Rs. |
|--------|--|------|------|-----------------------------------|------------|
| 12 | Supplying, fabricating, cutting, welding and fixing MS angles /channels fabricated & welded to Y shape above the masonry wall for fixing barbed wire fence & Concertina coil using standard, MS structural steel sections including embedding in concrete with all necessary grouting including surface preparation & painting with 2 coats of synthetic enamel paint manufactured by M/s. Asian/Berger paints over a coat of red oxide primer conforming to relevant IS etc., complete all as specified and directed by the Engineer in charge. Note :- Cement concrete for Grouting shall be measured under the relevant item. | Kgs | 550 | | |
| 13 | Supplying, placing in position & fixing Galvanised 2 strand steel barbed wire 2.24mm dia barbed with 2mm dia barbs and fixing to MS Y bracket fixed firmly including securing or tying at crossings with and provision of galvanised mild steel wire, etc., complete all as specified and directed by Engineer Note: Each line wire will be measured for payment purpose. MS Y bracked shall be measured and paid under relevant item. | RM | 1120 | | |
| 14 | Supplying & fixing concertina coils micon 250gsm rust proof 600mm dia. & 6Mtr length stretchable length per coil including fixing to the MS Y angle & barbed etc., complete all as specified and directed by Engineer. Note: The bidders to quote the unit rate per coil (01no.) | Nos. | 30 | | |
| 15 | Providing Keyed pointing in Cement mortar 1:4 to the existing size stone masonry superstructure wall including scaffolding as required at site, curing etc., complete all as specified and directed by Engineer in charge. | Sq.M | 750 | | |
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| | NOTE: The rate quoted for all the above items is deemed to include for providing and removal of scaffolding/ staging as required at site. | | | | |
| | Total Value of work excluding GST/Taxes (Rs) | | | Rs. | |
| | GST/Taxes | | | Rs. | |
| | Total Value of work inclusive of GST | | | Rs. | |

(Total Amount in words Rupees.....)

Signature of the Contractor
with seal