

BEML LIMITED, BANGALORE COMPLEX

Tender Ref: 6300034974

Date: 20.11.2020

ISSUED TO:	Period of contract:	03 Months
	EMD :	Rs. 12820/-
Sub: -Repair works to the Compound wall at North-East corner of salvage yard near GM Palya road and repairs to compound wall near admin gate at BEML Limited, Bangalore Complex, Bangalore-75		

SCHEDULE 'A' BILL OF QUANTITIES

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
1	surface excavation to remove rank vegetation bushes not exceeding 30 cm deep and above 15 cms average depth all along the compound wall and getting out etc., complete all as specified and directed by Engineer-in-charge.	Sq.M	150		
2	Dismantling the existing Burnt Brick Masonry/Size stone masonry wall in any thickness and in any position and disposal of unserviceable material from the premises etc., complete all as specified and directed by Engineer-in-charge. Note: The dismantled materials/debris should be removed immediately from the premises without disturbing the regular public / traffic movement on the road and the quoted rate is deemed to include for all lead & lift etc.	Cum	42		
3	Dismantling the existing MS Grill from the compound wall without damaging and stacking at a place for re-use without damaging etc.,complete all as specified and directed by Engineer-in-charge.	Kgs	280		
4	Earthwork excavation by mechanical/ manual means in foundation trenches not exceeding 1.50m in width and not exceeding 1.50m in depth and not exceeding area 10 sqm on plan in all kinds of soil but excluding hard rock for foundation including, dewatering, dressing of sides etc., complete all as specified and as directed by Engineer in charge.	Cu.M	15		
5	Providing and laying in Position Plain cement concrete of mix proportion 1:4:8 using 40mm down graded granite aggregate, laid in layers not exceeding 10cms thick, well compacted for foundation bed and other similar works including curing etc.,complete all as specified and as directed by Engineer in charge.	Cu.M	1.60		
6	Providing and constructing size stone masonry 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 including curing etc., complete all as specified and directed by the Engineer in charge.	Cu.M	10		

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
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 quoted rate includes providing scaffolding etc, complete.	Cu.M	8		
8	Providing struck 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	40		
9	Erecting & fixing in position the existing MS grill, providing necessary repair/ fabrication work to the grill wherever damaged, cleaning the rust and scales to the satisfaction of Engineer-in-charge. etc.,complete all as specified and directed by Engineer in charge. Note: a) The MS grill will be supplied by BEML. (b) The quoted rate is deemed to include for labour, welding machines, gas, welding rods etc required for the repair/fabrication if any required.	Kgs.	280		
10	Felling down the trees exceeding 100cm but not exceeding 150cm girth including cutting of trunk and branches and stacking of serviceable material and disposal of unserviceable material to a distance not exceeding 50 m and clearing site etc., complete all as specified and directed by Engineer-in- charge.	Nos	30		
11	Grubbing of tree trunk exceeding 100 cm girth including cutting of trunk portion protruding over ground, digging out roots, filling holes & leveling of ground, stacking of serviceable material and disposal of unserviceable material to a distance not exceeding 50 m and clearing site etc., complete all as specified and directed by Engineer-in- charge.	Nos	10		
12	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 spirally with MS wire (annealed) of size not less than 0.9mm dia and placing in position including all lead, lift, labour, tools & tackles, plant & machinery 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.	320		

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
13	Providing and laying in position reinforced Cement Concrete in mix proportion 1:1.5:3 for beams / similar works using 20mm down graded granite aggregates, mechanical mixing and placing at all levels, vibrating, consolidating, curing and finishing including lead, lift, tools, plant & machinery, hire & fuel charges & all other other incidental charges etc., complete all as specified and directed by Engineer in charge.	Cu.M	5		
14	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	30		
15	Providing & constructing 230mm thick Burnt brick masonry wall in CM 1:6 with first class table moulded bricks including scaffolding and necessary curing etc., complete as specified and directed by Engineer in charge.	Cu.M	35		
16	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 down graded granite aggregate machine mixed, compacted & top surface finished smooth & even using extra cement mortar etc., complete all as specified and directed by Engineer in charge.	Cu.M	2		
17	Rendering 15mm thick in Cement Mortar 1:4 on fair faces of brick or concrete surfaces including finishing the surfaces even and smooth, scaffolding as required at site, curing etc., complete as specified and directed by Engineer in charge.	Sq.M	440		
18	Preparing the newly plastered surface of walls by scrapping & applying two coats of water proof cement paint over a coat of primer of first quality manufactured by M/s. Snowcem india limited/reputed brand & manufacturer etc., complete as specified and directed by Engineer in charge.	Sq.M	280		
19	Returning & filling the available earth in plinth, trenches, foundations or around plinth with good quality earth of non swelling type, free from organic materials, consolidating in layers of not more than 200mm including watering, compaction, etc complete all as specified and directed by Engineer-in-charge. Note: Net consolidated volume shall be measured for payment purposes	Cu.M	5		
20	Spreading and levelling the available earth in layers not exceeding 25cms thick to achieve a uniform level on the sides of the compound wall etc., complete all as specified and as directed by Engineer in charge.	Cu.M	10		

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
21	Carting away unwanted and unusable excavated soil,debris outside the site premises to a distance not exceeding 1.50KM including all lead and lift, transportation etc., complete all as specified and as directed by Engineer in charge.	Cu.M	75		
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