

BEML LIMITED, BANGALORE COMPLEX

TENDER NO: 6300033801

DATE: 12.08.2020

ISSUED TO:	Period of contract:	04 Months
	EMD :	Rs. 79,380/-
Sub:- Construction of SSM Compound wall at the southern side of BEML Township (Vibuthipura lake side), BEML Ltd, Bangalore Complex, Bangalore.		

SCHEDULE 'A' BILL OF QUANTITIES

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
1	Surface excavation not exceeding 30cm deep and averaging 15cm deep and getting out etc., complete all as specified and as directed by Engineer in charge. Note: The 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.	Sqm	560		
2	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.	Cum	350		
3	Dismantling the existing size stone/boulder masonry built in cement mortar including masonry pillars etc., stacking the size stones at a place shown by the Engineer in charge. Note: The dismantled 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	20		
4	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.	Cum	225		
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.	Cum	25		
6	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 including curing etc., complete all as specified and directed by the Engineer in charge	Cum	226		
7	Constructing size stone masonry superstructure wall built in CM 1:6 using available stones, well bonded, bedded and solidly hearted in courses not less than 20cms high and brought upto courses including curing etc., complete all as specified and directed by the Engineer in charge	Cum	13		

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
8	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 as directed by Engineer in charge.	Cum	25		
9	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	Cum	328		
10	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 including grouting MS Y angles, centering, shuttering as per site requirement etc complete all as specified and directed by Engineer in charge	Cum	12		
11	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	880		
12	Supplying, placing in position & fixing Galvanised 2 strand steel barbed wire 2.24mm dia barbed with 2mm dia barbs at 75mm spacings and straining 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	RMT	900		
13	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.)	Coils	46		
14	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	1500		

Sl. No	Description	Unit	Qty	Rate/ unit in fig. & in words (Rs)	Amount (Rs)
15	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	Cum	130		
16	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.	Sqm	1700		
17	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.	Sqm	170		
18	Providing & fixing 110mm dia PVC (4kg/cm <sup>2</sup> ) pipes of first quality conforming to relevant IS manufactured by M/s.Supreme/ Finolex/Prince for vents/weep holes/similar works etc., complete all as specified and directed by Engineer in charge.	RMT	84		
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