

BEML LIMITED BANGALORE

Tender Ref: 6300038496

Date: 01.08.2023

ISSUED TO:	Period of contract:	04 Months
	EMD :	Rs. 18,000/-

Sub:Extension to the existing Inspection Pit at N-4 track 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	Cutting through the existing Hardstanding concrete upto 150mm depth approximately by using a suitable cutting machine and trimming the edges of concrete surface and disposal of unusable materials or debris outside the site premises to a distance not exceeding 5.0 KM not objected by local civic authorities including lead ,lift etc,complete all as specified and directed by Engineer in charge. Note: The dismantled materials shall be removed immediately from the premises without disturbing the regular production activities .	Rmt	35.00		
2	Demolition/ dismantling the existing cement concrete flooring/hardstanding concrete of any description and in any position not otherwise specifically provided etc and stacking of serviceable materials if any and disposal of unusable materials or debris outside the site premises to a distance not exceeding 5.0 KM not objected by local civic authorities including lead ,lift etc,complete all as specified and directed by Engineer in charge. Note: The dismantled materials shall be removed immediately from the premises without disturbing the regular production activities .	Cu.M	25.00		
3	Demolition/ dismantling the existing BBM Walls in any thickness and disposal of unusable materials or debris outside the site premises to a distance not exceeding 5.0 KM not objected by local civic authorities including lead ,lift etc,complete all as specified and directed by Engineer in charge. Note: The dismantled materials shall be removed immediately from the premises without disturbing the regular production activities .	Cu.M	5.00		
4	Earthwork excavation by mechanical/ manual means in foundation trenches, pits not exceeding 1.50m in depth in all kinds of soil including getting out the excavated earth, dressing of sides, dewatering ground water/ rain water if any, compaction including disposal of debris/unserviceable surplus earth outside the site premises to a distance not exceeding 5.0KM not objected by local civic authorities including lead ,lift etc,complete all as specified and directed by Engineer in charge.	Cu.M	20.00		
5	Earthwork excavation by mechanical/ manual means in foundation trenches, pits exceeding 1.50m in depth & not exceeding 3.0m in depth in all kinds of soil including getting out the excavated earth, dressing of sides, dewatering ground water/ rain water if any, compaction including disposal of debris/unserviceable surplus earth outside the site premises to a distance not exceeding 5.0KM not objected by local civic authorities including lead ,lift etc,complete all as specified and directed by Engineer in charge.	Cu.M	10.00		

Sl. No	Description	Unit	Qty	Rate/unit in fig. & in words Rs.	Amount (Rs)
6	Providing and laying in Position Plain Cement Concrete M 7.5 grade 1:4:8 using 40mm graded down size granite aggregate, machine mixed, well compacted for foundation bed, under floors and other similar works including curing etc., complete all as specified and as directed by Engineer in charge. Note: The rate quoted for the item is deemed to include for providing and removal of form work/centering/shuttering wherever necessary.	Cu.M	3.00		
7	Providing, and laying in position Reinforced Cement Concrete M25 grade 1:1:2, using 20mm graded down size granite aggregate machine mixed for Beams, etc complete including curing, Vibrating, compacting, finishing, dewatering wherever necessary including lead, lift etc., complete all as specified and directed by Engineer in charge. Note: a) Reinforcement shall be measured and paid separately under relevant item. b) The rate quoted for the item is deemed to include for providing and removal of form work/centering/shuttering wherever necessary.	Cu.M	20.00		
8	Providing & laying in position Fe 500 grade TMT bars in reinforcement conforming to relevant IS in various diameters, locations & levels, cut to length and bent to shape required, binding spirally with MS wire (annealed) of size not less than 0.9 mm dia including all lead, lift, etc., complete all as specified and directed by Engineer in charge. NOTE: a) The rate quoted for the item is deemed to include for cement mortar cover blocks as per the requirement at site and providing and removal of scaffolding/staging wherever necessary. b) Reinforcement will be measured based on actual quantity placed in position on standard weight basis, no allowance will be made for rolling margin. c) Only authorized laps, chairs and spacers shall be measured and paid.	Kgs.	550.00		
9	Supplying, fabricating, hoisting and erecting in position MS Structural steel viz., channels, plates, angles, cleats, fixing to correct line & level including cutting, welding, bending to required shape, shims & packing pieces as required for levelling of the work, etc., complete all as specified and as directed by engineer in charge. Note: The rate quoted for the item is deemed to include for welding machine, welding rods, gas etc.	Kgs.	100.00		
10	Providing and constructing solid block masonry of required size in cement mortar 1:6, raking of joints including necessary curing, tools & tackles etc., complete all as specified and directed by Engineer in charge. Note:- The rate quoted for the item is deemed to include for providing and removal of scaffolding/staging wherever necessary.	Cu.M	5.00		
11	Supplying, welding & fixing in position 24 Gauge galvanised Iron (GI) Chicken wire Mesh to junction of RCC Members & brick masonry walls including all laps, cutting & wastages etc., complete all as specified and directed by Engineer in charge.	Sq.M	100.00		

Sl. No	Description	Unit	Qty	Rate/unit in fig. & in words Rs.	Amount (Rs)
12	Rendering/Plastering 15mm thick in Cement Mortar 1:4 on fair faces of brick or concrete surfaces including finishing the surface smooth and even including curing,tools & tackles at all levels and height etc., complete all as specified and directed by Engineer in charge. Note:- The rate quoted for the item shall deemed to include for providing and removal of scaffolding/staging whenever necessary.	Sq.M	150.00		
13	Preparing the new/old Plastered surface of external walls by water washing, sand papering/wire brushing including providing necessary repairs to cracks, and cleaning the surface from dust, dirt and filling/closing the cracks with crack filling compound and applying two coats of exterior emulsion paint of first quality approved brand and colour manufactured by M/s.Asian Paints (ACE)/Berger Paints (Wall Masta) after successively drying each coat over a coat of primer and touch up putty wherever necessary etc., complete all as specified and directed by engineer in charge. Note.1) Contractor's quoted rate is deemed to include for providing and removal of scaffolding, staging/ladder wherever necessary and protective measures etc.	Sq.M	150.00		
14	Providing & fixing 150mm/160mm diameter 6kg/cm2 PVC pipes manufactured by M/s.Supreme/ Astral or equivalent conforming to relevant IS for sanitary, waste water, laid in gradient in walls/floors including all standard PVC fittings like elbows, bends, Tee, PVC Shoe & fixtures such as pipe clips, PVC clamps wooden plug, screws, washers etc fixed/secured firmly 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.	Rmt	10.00		
15	Providing and laying in Position Plain cement concrete M15 grade 1:2:4 150mm average thick using 20mm graded down size granite aggregate, machine mixed, laid in layers for hard standing concrete including finishing the top surface even, well compacted including curing, compacting etc.,complete all as specified and directed by Engineer in charge. Note: The rate quoted by the Contractor for the item is deemed to include for providing and removal of form work/centering/shuttering wherever necessary.	Sq.M	100.00		
	Total value of work excluding GST			Rs.	
	GST			Rs.	
	Total value of work inclusive of GST			Rs.	

(Total Amount in words Rupees.....
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Signature of the Contractor with seal