

**BEML LIMITED, BANGALORE COMPLEX**

Ref: 6300035699

DATE: 16.03.2021

ISSUED TO:	Period of contract:	THREE (03) MONTHS
	EMD :	Rs. 17,700/-

**Sub: Providing RCC Storm water drain at the Eastern and Western side of Test Track 1 & 2, and providing drain cover at Test Track No.1, Bangalore Complex,BEML Limited, Bangalore-560075**

**SCHEDUEL '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 not otherwise specifically provided for, stacking of serviceable materials and disposal of unserviceable materials from the premises etc., complete all as specified and directed by Engineer in charge. <b>Note:</b> The dismantled materials should be removed immediately from the premises without disturbing the regular production activities and the quoted rate is deemed to include for all lead & lift etc.	Cu.M	6.00		
2	Demolition/dismantling the existing RCC floor/Ground beams in any description and in any position not otherwise specifically provided for, stacking of serviceable materials and disposal of unserviceable materials from the premises etc., complete all as specified and directed by Engineer in charge. <b>Note:</b> The dismantled materials should be removed immediately from the premises without disturbing the regular production activities and the quoted rate is deemed to include for all lead & lift etc.	Cu.M	4.00		
3	Earth work excavation by Mechanical/manual means in trenches in all kinds of soils not exceeding 1.5m wide & not exceeding 1.50Mtrs in depth for trenches including levelling the existing surface, dressing, dewatering etc complete all as specified and directed by Engineer in charge.	Cu.M	10.00		
4	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 15cms thick, 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	4.00		

Sl. no	Description	Unit	Qty.	Rate/ unit in fig. & in words Rs.	Amount. Rs.
5	Providing & laying RCC M20 grade concrete of mix proportion 1:1.5:3 for RCC walls, bottom slab, similar works using 20mm down graded granite aggregate, well compacted including curing, tools & tackles, plant & machinery charges, all incidental charges etc., complete all as specified and directed by Engineer in charge.	Cu.M	15.00		
6	Providing plastering 15mm thick in Cement Mortar 1:4 over brick /cement concrete surfaces, finishing the surface smooth and even including racking joints, hacking the concrete surfaces as required at site and curing, tools & tackles etc., complete all as specified and directed by Engineer in charge.	Sq.M	60.00		
7	Supplying, cutting, welding & fixing in position MS chequered plates 5mm thick over the drains with MS Structural steel frame work below the plate to hold the plate firmly in position to the required line and level as required at site etc., complete all as specified and directed by Engineer in charge. <b>Note</b> contractor's quoted rate is deemed to include for labour, material, welding machine, welding rods, gas, consumables etc.	Kgs	4500.00		
8	Preparing the steel surfaces by scrapping, sand papering & applying two coats of synthetic enamel paint manufactured by M/s. Asian Paints/Berger Paints or equivalent make of approved colour over a coat of redoxide Primer including labour, tools & tackles, etc., complete all as specified and as directed by Engineer in charge.	Sqm	160.00		
9	Dismantling the existing MS Structural steel members like MS angles, channels, MS Sheets, flats etc including cutting, removing from the site premises and stacking at a place shown by BEML etc., complete all as specified and as directed by Engineer in charge.	Kgs	100.00		
10	Carting away unwanted and unusable excavated soil, debris outside the site premises to a distance exceeding 1.50KM but not exceeding 5.00KM including transportation, all lead and lift etc complete all as specified and directed by Engineer-in-charge. <b>Note:-</b> The measurement shall be made after deducting the filling quantities from excavated quantities.	Cu.M	20.00		

Sl. no	Description	Unit	Qty.	Rate/ unit in fig. & in words Rs.	Amount. Rs.
11	Providing TMT bars (Fe 500 grade) in reinforcement conforming to relevant IS in various diameter for various location & 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, plants & machinery etc complete all as specified and directed by Engineer in Charge. <b>Note:</b> a) The rate quoted for the item shall be deemed to include for providing cement mortar cover blocks as per requirement at site. b) Reinforcement shall be measured based on actual quantity placed in position on standard weight basis and no allowance shall be made for rolling margin. c) Only authorised laps, chairs & spacers shall be measured & paid.	Kgs	350.00		
12	Returning & filling the available earth in plinth, trenches, foundations or around plinth with approved good quality available 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. <b>Note:</b> Net consolidated volume shall be measured for payment purpose.	Cu.M	5.00		
13	Providing, erecting and removal of leak proof formwork for RCC wall, slabs (Centring and shuttering including strutting, propping etc) using MS/ plywood, conforming to relevant IS with necessary wooden formwork supports, metal propping, MS pipe ties, bracings, staging, applying of chemical releasing agent to MS/plwood surfaces to avoid sticking of cement so as to have a smooth finish while casting the concrete member of any shape, size and thickness at all levels etc complete all as specified and directed by Engineer-in- charge.	Sq.M	40.00		
	<b>Note:</b>				
	(1) Interested bidders/contractors are requested to visit the site and acquaint themselves with the site conditions before submission of their quote/offer for the work.				
	(2) The rate quoted by the bidders/contractors is deemed to include for providing & removal of scaffolding/staging as required for the work under the relevant item.				
	<b>Total value of work excluding GST</b>			<b>Rs.</b>	
	<b>GST</b>			<b>Rs.</b>	
	<b>Total value of work inclusive of GST</b>			<b>Rs.</b>	

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

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SIGNATURE OF THE CONTRACTOR WITH  
SEAL