



CENTRE FOR NANO AND SOFT MATTER SCIENCES

Shivanapura, Dasanapura Hobli, Bengaluru North

Autonomous Institution under the Dept. of Science & Technology, Govt. of India

REQUEST FOR QUOTATION

CeNS/2022-23/Admin-WO -

Date: 01 September 2022

The Centre invites a Quotation bid for the following item.

Sl. No	Description of Item
1)	Formation Road, Box Culvert, Pipe Culvert from the endpoint of Incubation-6 to CeNS Hostel at CeNS Campus Shivanapura Detailed specification with (BOQ) Billing of quantities enclosed.

Note:

- The sealed quotation should be submitted on or before **9 September 2022** by 3.00 PM through Speed Post / Courier / Registered Post/hand delivery.
- The quotation should be addressed to the **Administration and Finance Officer, Centre for Nano and Soft Matter Sciences**, Shivanapura , Dasanapura Hobli, Bangalore North -562162
- Discount if any should be clearly mentioned.
- Taxes & duties should be separately shown.
- The quoted price should be valid for a minimum period of **3 months** from the date of issue.
- Payment in of 100% of the invoice value shall be made through NEFT/RTGS after delivery and successful completion of the work. Complete details such as the bank account number/IFSC/SWIFT/Bank Address, etc. should be provided.
- The Centre reserves the right to accept or reject any quotation or part thereof without assigning any reasons.
Sealed envelopes containing the quotation should be superscripted with "Formation Road, Box Culvert, Pipe Culvert from the endpoint of Incubation-6 to CeNS Hostel at CeNS Campus Shivanapura
- Quotation received after the due date shall not be considered.
- The GST Number of the Centre is **CeNS GSTIN 29AAATC4203B1ZE**, which should be mandatorily indicated in the Invoice, failing which the payment process cannot be taken up.
- Period of completion: 15 days from the date of the work order.

Yours sincerely

Sd/-

**Administration and Finance
Officer**

M/s. Centre for Nano and Soft Matter Sciences at Shivanapura						
BOQ: Formation Road, Box Culvert, Pipe Culvert from the endpoint of Incubation-6 to CeNS Hostel at CeNS Campus Shivanapura						
Sl. No	Description	Unit	Quantity	Rate	Amount	Remarks
				Rs.	Rs.	
A	Road Works					
1.00	Preparation of sub-grade by excavating earth in all soils including hard soils, up to an average 30 cms depth dressing to camber & consolidating with 8/10 ton road roller, including making good undulations, etc. & disposing the surplus earth within the site up to a maximum lead of 150 metres as directed	Cum	330.00			
2.00	Providing and laying 150mm consolidated thickness of wet mix macadam laid in single layer using 40-63mm stone aggregates and quarry dust mix, mixed in the ratio of 1:1. The rate to include mixing coarse aggregates and quarry dust spreading, levelling watering, rolling and consolidation with 8- 10 ton road roller to the required levels, as per detailed drawings, etc. complete.	Cum	125.00			
3.00	Providing and laying 150mm consolidated thickness of wet mix macadam laid in single layer using 40mm and down size stone aggregates and quarry dust mix, mixed in the ratio of 1:1. The rate to include mixing coarse aggregates and quarry dust spreading, levelling watering, rolling and consolidation with 8- 10 ton road roller to the required levels, as per detailed drawings, etc. complete.	Cum	125.00			
4.00	Providing, laying, spreading and compacting Moorum / Hard Soil as a top finishing to WMM including spreading in uniform thickness, hand packing, rolling with 3- wheeled steel/vibratory roller 8-10 tonnes in stages to the proper grade and camber,	Cum	60.00			
	TOTAL FOR ROAD WORKS					a
B	CULVERT / DRAIN					
1.00	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications.	Cum	15.00			
2.00	Providing and Laying in position plain cement concrete of mix M10 - 75mm thick of mix 1:3:6 with OPC Cement @ 220kgs, with 20mm and downsize grade granite metal coarse aggregate @ 0.84 cum and fine aggregates @ 0.56 cum, machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted , in foundation, plinth and cills , including cost of all materials, labour, HOM of machinery, curing complete as per specifications.					
	a) Below Foundation	Cum	1.50			
3.00	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340Kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregates @ 0.47 cum, with super plasticisers @ 3 liters conforming to IS 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings , pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc. , including cost of all materials, labour, HOM of machinery, curing , complete but excluding cost of reinforcement as per specifications.					
	a) For Rafts	Cum	1.50			

Sl. No	Description	Unit	Quantity	Rate	Amount	Remarks
				Rs.	Rs.	
	b) For Walls	Cum	3.00			
4.00	Providing and removing centring, shuttering , strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	40.00			
5.00	Providing Thermo-mechanically treated (T.M.T) Bars Fe-500 grade steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire of approved quality and anchoring to the adjoining members wherever necessary complete for successful completion of work as per design (laps, hooks and wastage shall not be measured and paid) including cost of materials, labour, HOM of machinery with all leads & lifts, loading and unloading charges, transportation cost and conveyance and all other incidental charges complete for successful completion of work as per specifications and as directed by the Engineer-in-charge.	M.T	0.50			
6.00	M.S Grating: Providing straightening, fabricating and fixing in position structural steel work using MS rolled sections like angles, channels, flats, plates including checkered plates, rounds, etc; including cutting, welding for Gratings including painting with two coats of approved brand and color synthetic enamel paint over a coat of primer. Only standard weights as per IS code shall be considered for measurement and payment.	Kg	0.60			
7.00	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 600mm. dia	Rmt	10.00			
8.00	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above.	Cum	2.00			
9.00	Constructing block masonry inspection chamber 900x900mm , and 900mm depth, (clear inside dimension) for single pipeline, using 150mm block work in cement mortar 1:5, MS grating cover with frame (heavy duty) 950x950mm R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	Nos	2.00			
10.00	Providing and fixing Precast Reinforced cement concrete Slab for drain top of size 900mm x 600mm x 75mm using M25 grade concrete with nominal steel @8mm dia 100mm/c for both directions, Surface to be matt finish with drain holes of size 40mm dia etc. including the cost of all materials, labour, HOM of machinery, curing complete as per specifications	Nos	R.O		Rate Only	
	TOTAL FOR CULVERT / DRAIN WORKS					b
	TOTAL					c=a+b
	ADD GST @18%					d=18%*c
	GRAND TOTAL					e=c+d

PROPOSED ROAD, BOX, PIPE CULVERT

