

Maint\ Civil-206

**Notice Inviting Quotation**

10.11. 2020

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**Subject:- Dismantling and relocation works for proposed NTRI at IIPA, New Delhi.**

Sealed quotations are invited on behalf of the Director, IIPA for the above work which are to be dropped in the tender box latest by 3.00 p.m. on 19.11. 2020 in the office of Executive Engineer and same shall be opened by a committee. The items of work along with the conditions of quotation and schedule of quantities may be had from the office up to 1.00 p.m. on 18.11. 2020.

The tenderer should deposit the earnest money of Rs.40, 000/- by Demand Draft or by cash and enclose copy of deposit receipt with tender.

**Conditions:-**

1. The work shall be carried out as per specification provided in the schedule of items.
2. The time for completion of work is 20 days. If the work is not completed with in stipulated time, penalty clause will be imposed.
3. Full and final payment will be made after completion of the work satisfactorily.
4. The Contractor will have to collect the material at site and get it approved before start of work.
5. Contractors are advised to see the site and working conditions before quoting their rates.
6. Earnest Money of Rs.40,000/- either in cash or Demand Draft in favour of IIPA, New Delhi should be deposited with the quotation. In the absence of Earnest Money, quotation will be summarily rejected.
7. Institute has the right to reject any or all the quotations without assigning any reason.
8. A performance security equal to 10% of job value will be retained for a period of six months.
9. Penalty @ 0.1% per day will be recovered for the delay beyond the date of completion subject to a maximum of 10%.
10. The rates will be treated as all inclusive and nothing extra towards taxes etc. will be paid unless otherwise specified in the quotation.

Encl: As above

**(H.O. Goel)**  
Executive Engineer

**Name of Work: Dismantling and relocation works for proposed NTRI at IIPA, New Delhi.**

Sl. No.	Description	Qty.	Unit	Rate	amount
1.	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. a) All kinds of soil. 30.00 Cum 252.30 One Cubic Metre 7569 2 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. 30.00 Cum 219.65 One Cubic Metre 6590 3 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering	30.00	Cum		
2.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	30.00	Cum		
3.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : a) 1:5:10 (1 cement : 5 coarse sand (zone-III): 10 graded stone aggregate 40 mm nominal size)	7.00	Cum		
4.	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III): 4 graded stone aggregate 12.5mm nominal size)	13.00	Sqm		
5.	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	13.00	Sqm		
6.	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	2.00	Cum		
7.	Centering and shuttering including strutting, propping etc. and removal of form for :				
	a) Suspended floors, roofs, landings, balconies and access platform	10	Sqm		

	b) Lintels, beams, plinth beams, girders, bressumers and cantilevers	20	Sqm		
	c) Edges of slabs and breaks in floors and walls, Under 20 cm wide	30	Metre		
8.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	250	Kg		
9.	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: a) Cement mortar 1:6 (1 cement : 6 coarse sand)	19.00	Cum		
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:4 (1 cement : 4 coarse sand)	60.00	Cum		
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	200.00	Sqm		
12	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: a) Cement mortar 1:6 (1 cement : 6 coarse sand)	200.00	Sqm		
13	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : a) Cement mortar 1:4 (1 cement : 4 coarse sand)	150.00	Sqm		
14	15 mm cement plaster on rough side of single or half brick wall of mix: a) 1:4 (1 cement : 4 coarse sand)	375.00	Sqm		
15	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
	a) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	6.00	Cum		
	b) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	20.00	Cum		
16.	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	5.00	Cum		
17.	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	10.00	Sqm		
18	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	300.00	Kg		
19	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. a) In cement mortar	60.00	Cum		

20	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : a) In cement mortar	65.00	Cum		
21	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : a) Of area 3 sq. metres and below	110.00	Nos.		
22	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	600.00	Kg		
23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	a) For thickness of tiles 10 mm to 25 mm	2000.00	Sqm		
24	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : a) In cement mortar	70.00	Cum		
25	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge :				
	a) 15 mm to 40 mm nominal bore	400.00	Metre		
	b) Above 40 mm nominal bore	30.00	Metre		
26	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge:				
	a) Up to 150 mm diameter	120.00	Metre		
	b) Above 150 mm dia up to 300 mm dia	80.00	Metre		
27	Taking out C.I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-charge.	15.00	Nos.		
28	Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-charge.	8.00	Nos.		

29	Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead including refilling the excavated gap.	12.00	Nos.		
30	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	48.00	Nos.		
31	Dismantling of C.I. sluice valve including stacking of useful materials within a lead of 50 metres a) Up to 150 mm diameter	2.00	Nos.		
32	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	600.00	Sqm		
33	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	1400.00	Sqm		
34	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	200.00	Cum		
35	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	15	Sqm		
36	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. a) Hot finished welded type tubes	260	Kg		
			Total		
			GST		
			G. Total		
