



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Main Bawana Road, Delhi-42

File No: DTU/Engg. Cell/0071/2024-25/Civil

Dated: 16.08.2024

NOTICE INVITING QUOTATION

The Chief Project Officer, Engineering Cell, DTU invites, on behalf of Delhi Technological University, sealed percentage rate quotations from Contractors up to 03.00 PM on 21.08.2024 for the following works, which shall be opened at 03:30 PM on the same day. Schedule of work along with terms and conditions can be obtained from office of the Chief Project Officer/DTU or DTU website on all working days by submitting an application along with a copy of G.S.T. No. or PAN Card up to 02:00 PM on 21.08.2024.


S. No.	Name of Work	Estimated Cost (Rs.)	Time Allowed	Last date of Receipt of Quotation
1.	Construction of Water Bank (Water Piau) at East Delhi Campus	4,96,175/-	30 days	21.08.2024

TERMS & CONDITIONS: -

- The work shall be carried out as per CPWD specifications and as per direction of Engineer-in-Charge.
- The rates quoted should be inclusive of all the taxes and duties & nothing extra shall be paid.
- The work is to be complete as per the given schedule.
- No T&P shall be issued to the firm by the department.
- Necessary recoveries shall be made from the bill inclusive Water charges @1% and Electricity Charges @1% shall be deducted from the bill.
- Penalty on account of delay of the work (if any) may be imposed @500/- per day or as per the direction of Engineer-In-Charge.
- Material should use only as per approved material list as attached.
- Contractor is advisable to visit the site before submitting the quotation and all the damages and overheads for necessary arrangements shall be borne by the contractor. Nothing shall be paid extra on any account.


Enclosure: 1. Schedule of work

2. List of approved make


16.08.24
Chief Project Officer
DTU Campus, Bawana Road

Copy to: -

- Registrar, DTU
- Sr. Account Officer-1, DTU
- J.E. (Civil)
- DTU website
- Notice Board
- Guard File


A.E. (Civil)-CDC, DTU 16/08/24

Schedule of Work (Civil)						
Name of Work:- Construction of Water Bank (Water Piau) at East Delhi Campus campus.						
S.No.	DSR Code	Particulars	Quantity	Unit	Rate Rs.	Amount Rs.
1	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil.	3.00	cum	205.45	616.35
2	4.1	Providing and laying in cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
2.1	4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	3.00	Cum	6,050.65	18,151.95
2.2	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	3.00	Cum	7,365.15	22,095.45
3	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	3.00	Cum	6,658.25	19,974.75
4	6.4.2	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 :	2.00	Cum	8,288.35	16,576.70
5	8.31	Providing and Fixing of 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colors shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting risers of steps and dados, over 12mm thick bed of cement mortar 1:3 and jointing with grey cement slurry @3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	13.00	sqm.	1,063.45	13,824.85
6	11.56.1	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or	22.00	sqm.	3,908.80	85,993.60
7	12.50	Providing and Fixing pre-coated galvanised iron profile sheets (size, shaped and pitch of corrugation as approved by Engineer - in - charge) 0.50mm total coated thickness with zinc coating 120 gm 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 25microns minimum to avoid scratches during transportation and should be supplied in single length upto 12mtr or as designed by Engineer-in-charge. The sheet shall be fixed using self drilled / self tapping screws of size with EPDM seal complete upto any pitch in horizontal/vertical or curved surfaced, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever	22.00	sqm.	671.55	14,774.10

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8	18.8.2	Providing and Fixing Chlorinated Polyvinyl chloride pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fitting, i.e, fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as direction of Engineer-in-charge, Concealed work, including cutting chases and making good walls etc. 20mm nominal outer dia pipes.	15.00	mtr.	513.75	7,706.25
9	18.9.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	25.00	mtr.	275.25	6,881.25
10	12.51.1	Providing and Fixing pre-coated galvanised steel sheet roofing accessories 0.50mm total coated thickness, Zinc coating 120gm 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 using self drilling/self tapping screws complete : Ridges plain (500 - 600mm)	4.00	mtr.	450.60	1,802.40
11	9.50	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.	46.00	sqm.	1,484.70	68,296.20
12.1	17.35.1.2	Providing and fixing soil, waste and vent pipes : 100mm dia. Centrifugally cast (spun) iron socket & spigot (S & S) pipe as per IS : 3989.	15.00	mtr.	1,077.40	16,161.00
12.2	17.35.2.2	75mm diameter :- Centrifugally cast (spun) iron socket & spigot (S & S) pipe as per IS : 3989	4.00	mtr.	1,042.10	4,168.40
13	13.4.2	12 mm cement plaster of mix : 1:6 (1 cement : 6 coarse sand)	10.00	sqm.	294.35	2,943.50
14	13.80	Providing and Applying white cement based putty of average thickness 1mm , of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	10.00	sqm.	123.85	1,238.50

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15	13.42.1	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work	10.00	sqm.	92.75	927.50
16	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	10.00	sqm.	64.45	644.50
17	13.61.1	Painting with Synthetic enamel paint of approved brand and manufacturer to give an even shade : Two or more coats on new work.	150.00	sqm.	131.45	19,717.50
18	15.60	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	15.00	cum	219.35	3,290.25
19	18.55.2	Providing and fixing PTMT stop cock of approved quality and colour. 20 mm nominal bore, 89 mm long, weighing not less	4.00	Each	113.85	455.40
20	10.28	Providing and fixing stainless steel (Grade 304) railing/tray made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	45.00	Kg	612.25	27,551.25
21	12.23.1.1	Providing sand stone slab for roofing and laying them in cement mortar 1 : 4 (1 cement : 4 coarse sand) over wooden karries or R.C.C. battens or structural steel sections (Karries or battens or structural steel sections to be paid separately), including pointing the ceiling joints with cement mortar 1:3 (1 cement : 3 fine sand) complete : Red sand stone slab. 40 to 50 mm thick	6.00	Sqm	907.95	5,447.70
22	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	600.00	Kg	111.95	67,170.00
23	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1000.00	Litre	9.70	9,700.00
Total Rs.						4,36,109.35
Add applicable rate of GST @18% in place of 12% (Multiplying factor 1.0633) on DSR items i.e =						4,63,715.07
Add Cost Index 7%						32,460.06
Total						4,96,175.00

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LIST OF APPROVED MAKES OF MATERIALS [CIVIL WORK]

S.NO.	MATERIAL	MANUFACTURERS NAME
	CIVIL ITEMS	
1.	CEMENT	ACC, ULTRATECH, AMBUJA, J.K., LAFARGE, BIRLA, CCI, JK LAKSHMI
2.	REINFORCEMENT STEEL-TMT BARS- <u>FE-500D</u> GRADE	SAIL, TATA STEEL, RINL, JSW, JSPL
3.	STRUCTURAL STEEL SECTIONS	SAIL, TISCO, RINL, JSW, JINDAL STEEL & POWER, JINDAL, TATA
4.	STRUCTURAL STEEL TUBES/PIPES	JINDAL, TATA, APL APOLLO, ELECTRO STEEL, G.S.F., PRAKASHSURYA, LLOYDS
5.	LGSF VENDORS	M/S INTERARCH BUILDING PRODUCTS PVT. LTD., M/S TATA BLUESCOPE STEEL LTD., M/S MGI INDIA PVT. LTD., M/S JSPL, M/S EVEREST INDUSTRIES LTD., M/S WOOTZ BUILDSYS LLP., M/S EPACK POLYMERS.
6.	READY MIXED CEMENT CONCRETE	ACC, LAFARGE, ULTRATECH, SHREEALCHON, L&T GRASIM, NSCONCRETE, RMC READYMIX (INDIA), SHAILA ENTERPRISES, RDC CONCRETE, TECHNO PRIME RMC PVT LTD, VK READY MIX CONCRETE, ASHTECH, SHRI RAM READY MIX CONCRETE
7.	ANTI-TERMITE TREATMENT AGENCY	PEST CONTROL INDIA LTD. GODREJ PEST CONTROL, CAPITAL PEST CONTROL (INDIA)
8.	CHEMICAL TO BE USED FOR 20% E.C.ANTI-TERMITE TREATMENT	DE-NOCIL AND BAYER
9.	SHUTTERING PLY	GREENPLY SHUTTERING PLY, ARCHID SHUTTERING PLY, EURO SHUTTERING PLY
10.	SUPERPLASTICIZERS	MC BAUCHEMIE/FOSROC/SIKA/BASF/CHRYSO/VELOSIT/PIDILITE
11.	WHITE CEMENT	BIRLA WHITE, J.K. WHITE
12.	AAC BLOCK	SHREE, INSTABLOCK, BILTECH, MAGICRETE, SIPOX, BIRLA AEROCON, J.K., CLAVECON INDIA PVT. LTD., J.K. LAKSHMI, B.G. SHIRKE/INDO BHUTANCONSTRUCTION SOLUTION, ULTRATECH XTRALITE,
13.	BLOCK JOINTING MORTAR	JK LAKSHMI, BIRLA AEROCON SMARTFIX, MYK SCHOMBURG, ULTRATECH, FERROUSCRETE, ARDEX
14.	GLAZED CERAMIC TILES	RAK CERAMICS, SOMANY, KAJARIA, NITCO, ORIENT BELL, JOHNSON, ASIAN (AGL)
15.	VITRIFIED TILES	RAK CERAMICS, SOMANY, KAJARIA, ORIENT BELL, JOHNSON, ASIAN (AGL), RESTILE
16.	WALL PUTTY	JK WHITE, BIRLA WHITE, ASIAN, BERGER, BIRLA, JSW
17.	PLASTER OF PARIS	JK LAKSHMI, SAKARNI, SHRIRAM, NIRMAN
18.	GYPSUM PLASTER	SAINT GOBAIN, SAKARNI, J.K. LAKSHMI
19.	ANCHOR PLUG SOIL/ ROCK ANCHOR	BBR, VSL, FREYSSINET

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20.	PORCELAIN TILES	
21.	CHIQUEURED TILE	JOHNSON, ASIAN(AGL)
22.	CC PAVERS, PRECAST CC KERB STONE, CC TILES,RCC SLAB	NITCO, ULTRA, UNISTNOE, MODERN
23.	GRASS PAVER	NITCO, BHARAT, HINDUSTAN, ULTRA, KJS CONCRETE, DURACRETE, KK MANHOLE & COVERS, TERRA FIRMA, PAVER INDIA, DALAL, UNISTONE, CECO, S&S, MOON LIGHT, SWASTIK, ECOCRETE
24.	SFRC/PRECAST C.C. COVERS	UNISTONE, ULTRA, HINDUSTAN, KK, KJS
25.	FLYASH BRICKS	KK MANHOLE & COVERS, JAIN, PRAGATI, HINDUSTAN
26.	GLASS MOSAIC TILES	POWER BRICK, YBW PROJECT, ASHTECH INDUSTRIES PVT. LTD.
27.	INSULATION FOR PIPE, RUBBER INSULATION	PALLADIO, CORAL, MRIDUL, BISAZZA, MMG TILES
28.	COPPER TUBES/ PIPES	KAIFLEX, ARMAFLEX, CAREFLEX, VIDEOFLEX AFLEX
29.	READY MIX PLASTER	RAJCO, MEXFLOW, DELHI METAL, ABC
30.	RAISED / CAVITY FLOORING	BIRLA AEROCON, ULTRATECH, RAMCO, WEBER, LATICRETE
31.	DECK SHEET	UNI FLOOR, UNITILE INDIA, TATE, ZTFLOOR, ACCESS FLOOR SYSTEMS
32.	SELF-DRILLING SCREWS	JSW, TATA BLUESCOPE, INTERARCH, JSPL, ROOFCLAD
	PAINTS	TW BUILDDEX & BOUSTED, CORROSHIELD, ATUL FATERNERS LTD.
1.	WATER-PROOFING CEMENT PAINT	
2.	ACRYLIC EXTERIOR PAINT	ASIAN, BERGER, DULUX
3.	SYNTHETIC ENAMEL PAINT	ASIAN (APEX ULTIMA), BERGER (WEATHER COAT LONGLIFE), DULUX (WEATHER SHIELD POWER FLEX)
4.	PLASTIC/ACRYLIC EMULSION PAINT	ASIAN (APCOLITE), BERGER (LUXOL GLOSS), DULUX (DULUX GLOSS)
5.	ACRYLIC DISTEMPER	ASIAN (ROYAL SHYAN), BERGER (SILK GALMOUR), DULUX (VELVET TOUCH DIAMOND)
6.	CEMENT PRIMER	ASIAN (AQUA LOCK ACRYLIC), BERGER (Bison SUPER), DULUX (MAGIC ACRLYIC)
7.	WALL PUTTY	ASIAN (DECOPRIME), BERGER (SOLVENT BASE), DULUX (SOLVENT BASE)
		BIRLA, J.K., JSW

The Agency is required to get prior approval of Engineer-in-charge for the make of the material to be used in the work. In case of non-availability of material from these manufacturers, the Hon'ble Vice Chancellor, DTU may allow use of alternative BIS approved manufacturer makes.

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Chief Project Officer
Delhi Technological University