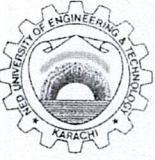




NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
PROCUREMENT CELL

Phone # 99261261- 68, (Ext. 2471 & 2501) Fax # 99261255, E-mail: dp@neduet.edu.pk

“Say NO to Corruption”



Director Procurement

No. PC/NED/COS/164635/8279/2440

Dated: 12.06.2023

The Director (CB)
M/s. Sindh Public Procurement Regulatory Authority
Barrack 8, Secretariat 4A,
Court Road,
Karachi.


TENDER DOCUMENT – CORRIGENDUM

Tender # PC/NED/DWS/Construction/8279/ 2023	Different Civil Works Required at TIEST
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With reference to NIT published in Newspapers and also hosted on the websites of NEDUET and SPPRA on 24.05.2023, all bidders and concerned are informed that BoQ of the said tender has been updated; details are available on the websites of NEDUET and SPPRA. Besides, the said tender has also been rescheduled as follows:

S#	Tender Schedule – Date and Time			
	Issue / Sale		Submission	Opening
	From	To		
1	26.05.2023	23.06.2023	26.06.2023 10:30 A.M	26.06.2023 11:00 A.M

However, all other terms and conditions will remain the same.


Director Procurement
12.06.2023

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: LAYING OF MARBLE TILE AT ROOF OF CIVIL ENGINEERING DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR (NEDUET).

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
SCHEDULE ITEMS					
01	Code-117 Item # 32	Providing and laying floor of 3/4 inch (19 mm) thick white marble tiles upto 36 Sq. inch (232 sq.cm) size fine dressed on the surface without windings in ground floor and laid over 1 inch (25 mm) thick lime mortar 1:2 (one lime, two sand) setting the tiles with grey cement slurry over lime mortar, jointing & washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar.	10007 Sft.	265.56	2,657,458.92
02	Code-117 Item # 5	Providing, and laying floors of 1-1/2 inches (38 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inches (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, curing etc. complete.	10007 Sft.	52.94	529,770.58
TOTAL AMOUNT OF SCHEDULE ITEM					3,187,229.5
Premium: ADD / Less (+/-)					
Total Amount "A"					

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: FABRICATING OF FIBER GLASS SHED WITH M.S STRUCTURE AT ROOF OF CIVIL ENGINEERING DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR (NEDUET).

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
Non-SCHEDULE ITEMS					
01	Non-Schedule Item	<p>Providing and fabricating M.S Structure frame with 2mm thick Fiber Glass Sheet on top & 3'-0" down around the M.S Structure fixed with self-tapping bolt / screw including cost of water proof cap washer seal with silicon, comprising with 1½"x 1½"x14 Swg. vertical & horizontal arc bending in Arc Shape as per drawing @10'-0"c/c with cost of 1½"x1½"x14 Swg. Horizontal support on Short & long span between Arc Shape and middle support @ 3'-0" c/c.</p> <p>M.S Plate 6"x6"x¼" thick at bottom of all vertical post to be fixed on concrete surface with 3/8" dia. 3" long rawal bolts. laying of concrete as per drawing including cost of 03 coats of enamel paint over a coat of primer, complete in all respect as per drawing and as directed by the Engineer.</p> <p>Note: Measurement should be calculated as length x width on roof surface (SFT.)</p>	2000 Sft.		
TOTAL AMOUNT OF NON-SCHEDULE ITEM					

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject:

FABRICATION OF STEEL SHED WITH M.S STRUCTURE & COCRETE FLOOR AT CIVIL ENGINEERING DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR (NEDUET).

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
A- CIVIL WORKS SCHEDULE ITEMS					
01	Code-103 Item # 02	Excavation for foundation trenches and drains in gravelly soil and back filling the excavated material in foundation trenches plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	600 Cft. ✓	16.24 ✓	9,744.00 ✓
02	Code-105 Item # 12	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete	40 Cft. ✓	221.37 ✓	8,854.8 ✓
03	Code-127 Item No # 22	Supplying and laying for sub-base, soling coat, 6" (150 mm) gauge stone boulders to required grade and camber including packing with spawls, chips and consolidating with power roller with all lead and lift	550 Cft. ✓	82.02 ✓	45,111.00 ✓
04	Code- 117 Item # 2	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 2 inches (51 mm) and down gauge with levelling and ramming, watering and curing etc. complete.	365 Cft.	220.36	80,431.4 ✓
05	Code - 112 Item # 25	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	500 Cft. ✓	412.60 ✓	206,300.00 ✓
06	Code – 117 Item # 06	Providing and laying floors of 2 inches (51 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	1100 Sft. ✓	68.79 ✓	75,669.00 ✓
07	Code-114 Item # 23	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in column of T.L, angular or cross shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in ground floor	75 Cft.	545.82	40,936.5 ✓
TOTAL AMOUNT OF SCHEDULE ITEM "A"					467,046.7 ✓
Add Premium: ADD/LESS (+/-)					
Total Amount "A"					
B- FABRICATION OF SHED NON-SCHEDULE ITEM					
01	-	Providing & fixing of M.S shed comprising of 3" dia. M.S Pipe 16 swg. as vertical post with 6"x6" M.S plate 1/4" thick top bottom fixed with rowel bolts including cost of M.S truss bottom chord top chord with webs 1 1/2"x1 1/2" 14swg. complete including cost of 22swg G.I corrugated sheet on top fixed with 'J' hook with cost of water proof cap washer seal with silicon as per drawing & 03 coat of enamel paint with primer complete in all respect as per drawing & as directed by the Engineer.	1100 Sft. ✓		
TOTAL AMOUNT FABRICATION OF SHED NON-SCHEDULE ITEM "B"					

SUMMARY OF COST

Total amount of Schedule Item "A"

Rs. =

Total amount of fabrication of shed non-Schedule "B"

Rs. =

Gross Amount A+B

Rs. = _____

SIGNATURE OF CONTRATOR WITH SEAL

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: FENCING AT CIVIL ENGINEERING DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR (NEDUET).

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
Non-SCHEDULE ITEMS					
01	Non-Schedule Item	Providing and fixing pre-cast pre-stressed RCC Column Size 6"x6½" & 10'-6" high @8'-0"c/c For fencing including cost fixing of column in ground 2'-6" depth with cost of 1.5 x1.5 x 2'-6" concrete (1:2:4) base for column foundation with cost of excavation as per drawing & between columns fixed G.I galvanized woven type mesh 4'-0" in 8Swg. 3"x3" hole in diamond shape fixed in column as per standard and 08 Nos. Raws 12 swg. barbed wire fencing fixed in column as per standard. With cost of weather shield paint on column complete in all respect as directed by the Engineer.	520 Rft.		
TOTAL AMOUNT OF NON-SCHEDULE ITEM					

Note:

Rates quoted in the Bids must include of all Taxes (Income Tax & SRB).

SIGNATURATURE OF CONTRACTOR WITH SEAL

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: CONSTRUCTION OF SECURITY CHECK POST, WASHROOM SEPTIC TANK & SOAK PIT AT CIVIL ENGINEERING DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR NEDUET.

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
A- CIVIL WORKS SCHEDULE ITEMS					
01	Code- 102 Item # 05	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	550 Sft.	3.32	1,826.00
02	Code- 103 Item # 01	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	600 Cft.	16.24	9,744.00
03	Code- 104 Item # 08	Supplying earth from approved site within the area acquired including digging or cutting, loading, unloading and filling in foundation trenches, plinth or under floor etc. including breaking clods, dressing watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (1.52 m) as directed by the Engineer-in-charge.	700 Cft.	32.54	22,778.00
04	Code- 105 Item # 14	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	230 Cft.	235.04	54,059.20
05	Code- 114 Item # 57	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor	35 Cft.	432.04	15,121.40
06	Code- 114 Item # 166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	400 Kg.	282.45	112,980.00

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
07	Code- 114 Item # 76	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in domes up to 4 inches (102 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in ground floor.	250 Cft.	996.46	249,115.00
08	Code- 112 Item # 02	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-1/2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level).	300 Cft.	385.82	115,746.00
09	Code- 112 Item # 25	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure .	450 Cft.	412.60	185,670.00
10	Code- 127 Item # 22	Supplying and laying for sub-base, soling coat, 6" (150 mm) gauge stone boulders to required grade and camber including packing with spawls, chips and consolidating with power roller with all lead and lift	300 Cft.	82.02	24,606.00
11	Code- 122 Item # 04	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	1000 Sft.	43.81	43,810.00
12	Code- 122 Item # 08	3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	1300 Sft.	53.35	69,355.00
13	Code- 117 Item # 81	Providing and laying floor of 6mm (approx: 1/4") thick white glazed tiles 12" x12" (304mm x 304mm) of master make (Pakistani) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry and curing etc, complete.	120 Sft.	303.38	36,405.60
14	Code- 117 Item # 82	Providing and laying floor of 6mm (approx: 1/4") thick coloured glazed tiles 12" x 12" (304mm x 304mm) of master make (Pakistani) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry a matching colour (by using pigment in white cement) and curing etc. complete.	38 Sft.	302.12	11,480.56
15	Code- 117 Item # 29	Providing and laying floor of 2 inches (51 mm) thick 1:2:4 reinforced cement concrete using graded screened bajri 3/4' (19 mm) and down gauge in ground floor including form work, consolidation, finishing and curing etc. complete but excluding the cost of reinforcement.	400 Sft.	78.98	31,592.00
16	Code- 117 Item # 29	Providing and laying floors of 2 inches (51 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	400Sft.	78.98	31,592.00
17	Code- 122 Item # 172	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	1300 Sft.	44.08	57,304.00

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
18	Code- 122 Item # 151	Distemping with vinyl distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and inequalities, if any, at any height in any floor.	1000 Sft.	34.01	34,010.00
19	Code- 119 Item # 44	Providing and fixing M.S. moulded steel door frames of 5.73" x 2-1/2" (146 mm x 63 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	35 Rft.	469.80	16,443.00
20	Code- 120 Item # 61	Providing and fixing solid core 1st class deodar wood veneered flush door shutter 1-1/2 inches (38 mm) thickness with and including the cost of commercial veneer facing of not less than 1 mm thickness on either side, cross band of standard specification with solid fully laminated core, 2 inches (51 mm) wide best quality deodar wood outer faces alround as commercially produced by standard manufacturers under power driven hydraulic press as approved by Engineer-in-charge including iron fittings etc., complete but excluding the cost of handles and locking arrangement.	35 Sft.	2164.85	75,769.75
21	Code- 119 Item # 94	Providing and fixing fully glazed Champagne anodized aluminium Sliding windows as per British standard manufactured by Lucky,Alcop, Krudson, Pakistan cable and A.C.P (fixing through their approved fabricators), Prime model box section 101mm x 30mm and 1.6mm thick including the cost of aluminium netting ,fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but excluding the cost of glass pans.	15 Sft.	1204.69	18,070.35
22	Code- 119 Item # 120	Providing and fixing Tinted glass panes 5mm thick to M.S. Box pipe / Aluminium doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	3 Sft.	297.02	891.06
23	Code- 309 Item # 26	Providing & fixing water tank made food grade polyethylene material 200 gallon supper tuff i/c cost of specials and sartage upto site as per direction of engineer in chager.	01 No.	11062.5 0	11,062.50
24	Code- 301 Item # 01	Providing and fixing best quality squatting type white glazed earthenware W.C pan Pakistani (of not less than 18 inches clear opening as measured between flushing rims) complete with and including the cost of 13.6 litre best quality low level plastic flushing cistern with internal fitting complete , P.V.C flushing pipe suitable for squatting type with extra bends and length with fittings, C.I trap 4inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4	01 No.	12602.5 0	12,602.50

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
25	Code- 302 Item # 05	Providing & fixing 24 inches x 18 inches (610mm x 457mm) looking mirror of imported glass 5mm thick fixing with CP clamps and screws.	01 No.	2173.98	2,173.98
26	Code-#301 Item#24	Providing & fixing approved Pak make Earthen ware glazed corner basin standard size (white / light colour) complete with and including the cost of brass oxidized bolt kits built into wall	01 No.	15362.50	15,362.50
27	Code- 302 Item # 13	Providing & fixing chromium plated Muslim bib Cock without Muslim Shower of approved quality.	01 No.	3381.75	3,381.75
28	Code- 317 Item # 12	Fixing floor trap of sizes with gratings including cutting and making the requisite number of holes in walls, plinth and floors and making good in 1:2:4 C.C.	02 Nos.	788.31	1,576.62
29	Code- 315 Item # 01	Providing manhole type 'A' size 2 feet x 1-1/2 feet or (610 mm x 457 mm) (inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 to 305 mm) dia pipes up to 3 feet-11 inches (1.19 m) depth with cast iron cover and frame 16 inches (406 mm) dia, inside (weight=1 Cwt.1 Qtr.) or 63.5 kg. fixed in 4 inches (100 mm) thick RCC 1:2:4 slab, 8 inches (203 mm) thick c.c. 1:3:6 block masonry walls set in 1:3 c.m; 6 inches (150 mm) thick 1:3:6 c.c. in foundation 1:2:4 c.c. in benching, 1/2 inches (13 mm) thick cement plaster in 1:3 C.M. to all inside wall surface, channels and benching etc. and to top including making requisite number of main and branch channels but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame.	02 Nos.	10617.49	21,234.98
30	Code #302 Item # 12	Providing and fixing Royal bath room accessories of set of 6 pieces consist of one towel rod with bracket, one tooth brush holder with glass and cover, one double hook one towel ring etc complete of approved quality as per direction of Engineer in-charge.	01 No.	10405.25	10,405.25
31	Code #306 Item # 24	Providing and fixing unplasticized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 3 inches (80 mm) dia pipe..	30 Rft.	503.47	15,104.10
32	Code #306 Item # 25	Providing and fixing unplasticized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 4 inches (100 mm) dia pipe..	30 Rft.	600.01	18,000.30
33	Code #306 Item # 27	Providing and fixing unplasticized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 6 inches (150 mm) dia pipe.	50 Rft.	716.62	3,5831.00

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
34	Code- 305 Item # 01	Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). 1/2 inch (15mm) dia pipe.	25 Rft.	202.94	5,073.50
35	Code- 305 Item # 02	Do. Do. 3/4 inch (20 mm) dia pipe. (ILLM).	40 Rft.	257.38	10,295.20
36	Code- 305 Item # 03	Do. Do. 1 inch (25 mm) dia pipe (ILLM).	200 Rft.	366.46	73,292.00
37	Code 307 Item # 07	Providing and fixing 1/2 inches (15 mm) dia full way gun metal valves with wheels threaded or flanged ends with rubber washers, (standard pattern).	01 No.	1405.40	1,405.40
38	Code -307 Item # 08	Do. Do. 3/4 inch (20 mm) dia Do.	01 No.	2017.90	2,017.90
39	Code 307 Item # 09	Do. Do. 1 inch (25 mm) dia Do.	01 No.	4012.90	4,012.90
TOTAL AMOUNT OF CIVIL WORKS SCHEDULE ITEMS "A"					1,461,201.30
Premium: ADD / Less (+/-)					
Total Amount 'A'					
B- CIVIL WORKS (SEPTIC TANK AND SOAK PITS) SCHEDULE ITEMS					
01	Code -102 Item # 05	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	80 Sft.	3.32	265.60
02	Code-103 Item # 17	Excavation for raft foundations underground tanks and septic tanks (rectangular or square) in hard rock by hammering, chiselling, and jumper work including stacking of serviceable and unserviceable materials separately, lead up to one chain (30.5 Ru.m) and lift up to 5 feet (1.52 m).	160 Cft.	44.34	7094.40
03	Code -103 Item # 23	Excavation for wells, circular underground tanks and soak pits etc., in strata of conglomeration of gravel and boulders by hammering, chiselling and jumper work including stacking of serviceable and unserviceable material separately, lead up to one chain (30.5 R.m) and lift up to 5 feet (1.52 m).	370 Cft.	26.08	9649.60
04	Code - 114 Item # 99	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in foundation or bottom slab of rectangular underground tank including form works and its removal, levelling, compacting and curing etc. complete but excluding the cost of reinforcement..	15 Cft.	309.18	4637.70
05	Code - 114 Item # 101	Providing and laying reinforced cement concrete using, screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in walls of rectangular underground water tank or septic tank including form works and its removal, compacting and curing etc. complete, but excluding the cost of reinforcement..	65 Cft	540.20	35113.00
06	Code - 114 Item # 102	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in baffle walls of rectangular septic tank including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement	17 Cft.	465.57	7914.69

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
07	Code - 114 Item # 104	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in top slab of rectangular underground water tank or septic tank its removal, compacting and curing ate. complete but excluding the cost of reinforcement.	35 Cft.	462.39	16183.65
08	Code- 114 Item # 166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	400 Kg.	282.45	112980.00
09	Code- 105 Item # 14	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	20 Cft.	235.04	4700.80
10	Code- 127 Item # 22	Supplying and laying for sub-base, soling coat, 6" (150 mm) gauge stone boulders to required grade and camber including packing with spawls, chips and consolidating with power roller with all lead and lift	27 Cft.	82.02	2214.54
11	Code - 122 Item # 04	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	260sft	43.81	11390.60
12	Code - 122 Item # 08	3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	130sft	53.35	6935.50
13	Code - 112 Item # 97	Providing and laying first class solid burnt brick masonry in cement mortar 1:3 wells (steining) more than 13-1/2 inches (343 mm) thick including scaffolding curing etc. complete depth upto 10 feet (3.05 m)	300cft	497.19	149157.00
14	Code -306 Item # 27	Providing and fixing un platisized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 6 inches (150 mm) diapipe.	20rft	716.62	14332.40
15	Code -315 Item # 26	Providing & fixing G.I Cover & Frame 18" dia (460mm) weight 1 cwt 3 Qtr (88.90 Kg)	02 Nos.	25630	51260.00
16	Code -304 Item # 01	Providing and fixing 4 inches (100 mm) dia C.I soil and vent pipes spun including cutting and fitting and extra painting to match the colour of the building and cartage within 10 miles (16.09Km)	06 Rft.	789.06	4734.36
17	Code -304 Item # 14	Providing and fixing 4 inches (100mm) dia C.I. bend of the required degree with access door, rubber washer 1/8 inch (3.2mm) thick and bolts and nuts and extra painting to match the colour of the building and cartage within 10 miles (16.09 Km). (for Spun pipe).	06 Nos.	1035.95	6215.70
TOTAL AMOUNT OF CIVIL WORKS (SEPTIC TANK AND SOAK PITS) SCHEDULE ITEMS "B"					444779.54
Premium: ADD / Less (+/-)					
Total Amount "B"					
C- ELECTRICAL WORKS NON-SCHEDULE ITEM					
01.	None Schedule item	Providing, Wiring & Connecting of single light point & ceiling fan point, control by one single pole switch with MS back box of Clipsal Australia / MK England / Bosch Germany or	08 Nos.		

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
		equivalent make, wiring with 3 x 1.5mm ² single core PVC insulated wire of Pakistan cable/ AGE/ Pioneer or equivalent make, drawn in 3/4" PVC conduit with all accessories of Prince/ Nawab/ Jeddah or equivalent make, recessed concealed in roof, beam and wall Complete in all respect such as MS fan box and back box as per drawing as required & as approved by the Engineer /Directorate of Works & Services.			
02	None Schedule item	Providing and wiring of the security room and bath room circuit with 2x6mm ² + 1x2.5mm ² stranded Single core Cu, PVC insulated wire of Pakistan Cable/Pioneer/ AEG or equivalent make, drawn in 01" PVC conduit with all accessories of Prince/ Nawab/ Jeddah or equivalent make, recessed canceled under floor and natural ground 01feet depth (about 30 meter). Complete in all respect as per drawing as required and as approved by the Engineer/ Directorate of Works & Services.	02 Nos.		
03	None Schedule item.	Providing, Fixing & Wiring of Multi pin 13 Amp (International) power point with 2x2.5mm ² +1x 1.5mm ² single core cu, PVC insulated wire of Pakistan cable/ AGE/ Pioneer or equivalent make, drawn in 3/4" PVC conduit of Prince/ Nawab/ Jeddah or equivalent make with all accessories, including 02 Nos. power outlet of 13 Amp (International) power outlet of Clipsal Australia MK England / Bosch Germany or equivalent make, with MS back box, recessed canceled in wall & floor. Complete in all respect as per drawing as required & as approved by the Engineer / Directorate of Works & Services.	02 Nos.		
04	None Schedule item.	Providing, fixing & connecting of 40W 04 feet LED Tube light fixture 2000 lumens of Philips/ Osaka/ Sogo, osaka or equivalent make. Complete in all respect such as round cover and ceiling rose etc. as per drawing as required and as approved by the Engineer/ Directorate of Works & Services.	04 Nos.		
07	None Schedule item	Providing and fixing of 12 inch excuse Fan Metal type with plapper farming of Pak, Royal or GFC or equivalent make. Complete in all respect such as round cover and ceiling rose etc.as per drawing as required and as approved by the Engineer/ Directorate of Works & Services.	02 Nos.		
TOTAL AMOUNT ELECTRICAL WORKS NON-SCHEDULE ITEM "C"					

SUMMARY OF COST

Total Amount of Civil Works Schedule Items "A"	=	Rs
Total Amount of Civil Works (Septic Tank & Soak Pits) Schedule Items "B"	=	Rs
Total Amount Electrical Works Non-Schedule Item "C"	=	Rs _____
GROSS TOTAL AMOUNT		Rs

Note:

Rates quoted in the Bids must include of all Taxes (Income Tax & SRB).

SIGNATURATURE OF CONTRACTOR WITH SEAL

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: CONSTRUCTION OF BOUNDARY WALL CS DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR (NEDUET).

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
A- CIVIL WORKS SCHEDULE ITEMS					
01	Code # 103 Item # 01	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	612 Cft.	16.24	9,938.88
02	Code # 105 Item # 12	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	135 cft.	221.37	29,884.95
03	Code # 108 Item # 03	Providing and laying 2 inches (51 mm) thick damp proof course with cement concrete 1:2:4 cast in situ using graded screened bajri of 3/4 inch (19 mm) and down gauge mixed with any approved water proofing agent including compacting, curing form work and its removal etc. complete, but excluding the cost of water proofing agent .	120 sft.	55.55	6,666.00
04	Code - 112 Item # 25	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	600 Cft.	412.60	247,560.00
05	Code # 114 Item # 01	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in column footing of required shape including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth	272 Cft.	375.86	102,233.92
06	Code-114 Item # 56	Providing and faying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in ordinary slab 5 inches (127 mm) to 6 inches (152 mm) thick Including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor	120 Cft.	450.74	54,088.8
07	Code # 114 Item # 166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying			

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
		with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and underground tanks and in projections for future extension .	1700 Kg.	282.45	480,165.00
08	Code # 122 Item # 08	3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	2328 sft.	53.35	124,198.8
09	Code # 122 Item # 172	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	2328 Sft.	44.08	102,618.24
TOTAL AMOUNT OF CIVIL WORKS SCHEDULE ITEMS					1,157,354.59
Premium: ADD / Less (+/-)					
Total Amount "A"					

Note:

Rates quoted in the Bids must include of all Taxes (Income Tax & SRB).

SIGNATURE OF CONTRACTOR WITH SEAL

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: FABRICATION OF STEEL SHED WITH M.S STRUCTURE AT CS DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR (NEDUET).

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
A- CIVIL WORKS SCHEDULE ITEMS					
01	Code-103 Item # 02	Excavation for foundation trenches and drains in gravelly soil and back filling the excavated material in foundation trenches plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	80 Cft.	16.24	1,299.2
02	Code-105 Item # 12	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded stone ballast 3 inches (76 mm) and down gauge in foundation including levelling, compacting and curing etc. complete	12 Cft.	221.37	2,656.44
03	Code- 117 Item # 2	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 2 inches (51 mm) and down gauge with levelling and ramming, watering and curing etc. complete.	396 Cft.	220.36	87,262.56
04	Code – 117 Item # 06	Providing and laying floors of 2 inches (51 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	1200 Sft.	68.79	82,548.00
05	Code-114 Item # 23	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in column of T.L, angular or cross shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in ground floor	60 Cft.	545.82	32,749.2
TOTAL AMOUNT OF CIVIL WORKS SCHEDULE ITEMS "A"					206,515.4
Premium: ADD / Less (+/-)					
Total Amount "A"					
B- FABRICATION OF SHED NON-SCHEDULE ITEMS					
01	-	Providing & fixing of M.S shed comprising of 3" dia. M.S Pipe 16 swg. as vertical post with 6"x6" M.S plate 1/4" thick top bottom fixed with rowel bolts including cost of M.S truss bottom chord top chord with webs 1 1/2"x1 1/2" 14swg. complete including cost of 22swg G.I corrugated sheet on top fixed with 'J' hook with cost of water proof cap washer seal with silicon as per drawing & 03 coat of enamel paint with primer complete in all respect as per drawing & as directed by the Engineer.	1200 Sft.		
TOTAL AMOUNT OF FABRICATION OF SHED NON-SCHEDULE ITEMS" B"					

SUMMARY OF COST

Total amount of Schedule Item "A"	Rs.	=	
Total amount of fabrication of shed non-Schedule "B"	Rs.	=	_____
Gross Amount A+B	Rs.	=	

Note:

Rates quoted in the Bids must be include of all Taxes (Income Tax & SRB)

SIGNATURE OF CONTRACTOR WITH SEAL

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

Subject: CONSTRUCTION OF SECURITY CHECK POST, WASHROOM SEPTIC TANK & SOAK PIT AT CS DEPARTMENT THAR INSTITUTE OF ENGINEERING, SCIENCE AND TECHNOLOGY (TIEST) THARPARKAR NEDUET.

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
A- CIVIL WORKS SCHEDULE ITEMS					
01	Code- 102 Item # 05	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	550 Sft.	3.32	1,826.00
02	Code- 103 Item # 01	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	600 Cft.	16.24	9,744.00
03	Code- 104 Item # 08	Supplying earth from approved site within the area acquired including digging or cutting, loading, unloading and filling in foundation trenches, plinth or under floor etc. including breaking clods, dressing watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (1.52 m) as directed by the Engineer-in-charge.	700 Cft.	32.54	22,778.00
04	Code- 105 Item # 14	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	230 Cft.	235.04	54,059.20
05	Code- 114 Item # 57	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in ordinary slab more than 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor	35 Cft.	432.04	15,121.40
06	Code- 114 Item # 166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	400 Kg.	282.45	112,980.00

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
07	Code- 114 Item # 76	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in domes up to 4 inches (102 mm) thick including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in ground floor.	250 Cft.	996.46	249,115.00
08	Code- 112 Item # 02	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9" to 13-1/2 inches (228 mm to 343 mm) thick including scaffolding, raking out Joints and curing etc. complete in foundation, basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level).	300 Cft.	385.82	115,746.00
09	Code- 112 Item # 25	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure .	450 Cft.	412.60	185,670.00
10	Code- 127 Item # 22	Supplying and laying for sub-base, soling coat, 6" (150 mm) gauge stone boulders to required grade and camber including packing with spawls, chips and consolidating with power roller with all lead and lift	300 Cft.	82.02	24,606.00
11	Code- 122 Item # 04	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	1000 Sft.	43.81	43,810.00
12	Code- 122 Item # 08	3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	1300 Sft.	53.35	69,355.00
13	Code- 117 Item # 81	Providing and laying floor of 6mm (approx: 1/4") thick white glazed tiles 12" x12" (304mm x 304mm) of master make (Pakistani) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry and curing etc, complete.	120 Sft.	303.38	36,405.60
14	Code- 117 Item # 82	Providing and laying floor of 6mm (approx: 1/4") thick coloured glazed tiles 12" x 12" (304mm x 304mm) of master make (Pakistani) first grade in ground floor laid over 1" (25mm) thick cement mortar 1:2 (1 cement and 2 sand) including jointing and washing the tiles with white cement slurry a matching colour (by using pigment in white cement) and curing etc. complete.	38 Sft.	302.12	11,480.56
15	Code- 117 Item # 29	Providing and laying floor of 2 inches (51 mm) thick 1:2:4 reinforced cement concrete using graded screened bajri 3/4' (19 mm) and down gauge in ground floor including form work, consolidation, finishing and curing etc. complete but excluding the cost of reinforcement.	400 Sft.	78.98	31,592.00
16	Code- 117 Item # 29	Providing and laying floors of 2 inches (51 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	400Sft.	78.98	31,592.00
17	Code- 122 Item # 172	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	1300 Sft.	44.08	57,304.00

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
18	Code- 122 Item # 151	Distemping with vinyle distemper (ICI) Dulux Paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and inequalities, if any, at any height in any floor.	1000 Sft.	34.01	34,010.00
19	Code- 119 Item # 44	Providing and fixing M.S. moulded steel door frames of 5.73" x 2-1/2" (146 mm x 63 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2" x 1/2" (38 mm x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	35 Rft.	469.80	16,443.00
20	Code- 120 Item # 61	Providing and fixing solid core 1st class deodar wood veneered flush door shutter 1-1/2 inches (38 mm) thickness with and including the cost of commercial veneer facing of not less than 1 mm thickness on either side, cross band of standard specification with solid fully laminated core, 2 inches (51 mm) wide best quality deodar wood outer faces alround as commercially produced by standard manufacturers under power driven hydraulic press as approved by Engineer-in-charge including iron fittings etc., complete but excluding the cost of handles and locking arrangement.	35 Sft.	2164.85	75,769.75
21	Code- 119 Item # 94	Providing and fixing fully glazed Champagne anodized aluminium Sliding windows as per British standard manufactured by Lucky,Alcop, Krudson, Pakistan cable and A.C.P (fixing through their approved fabricators), Prime model box section 101mm x 30mm and 1.6mm thick including the cost of aluminium netting ,fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but excluding the cost of glass pans.	15 Sft.	1204.69	18,070.35
22	Code- 119 Item # 120	Providing and fixing Tinted glass panes 5mm thick to M.S. Box pipe / Aluminium doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	3 Sft.	297.02	891.06
23	Code- 309 Item # 26	Providing & fixing water tank made food grade polyethylene material 200 gallon supper tuff i/c cost of specials and sartage upto site as per direction of engineer in chager.	01 No.	11062.50	11,062.50
24	Code- 301 Item # 01	Providing and fixing best quality squatting type white glazed earthenware W.C pan Pakistani (of not lesss than 18 inches clear opening as measured between flushing rims) complete with and including the cost of 13.6 litre best quality low level plastic flushing cistern with internal fitting complete , P.V.C flushing pipe suitable for squatting type with extra bends and length with fittings, C.I trap 4inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4	01 No.	12602.50	12,602.50

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
25	Code- 302 Item # 05	Providing & fixing 24 inches x 18 inches (610mm x 457mm) looking mirror of imported glass 5mm thick fixing with CP clamps and screws.	01 No.	2173.98	2,173.98
26	Code-#301 Item#24	Providing & fixing approved Pak make Earthen ware glazed corner basin standard size (white / light colour) complete with and including the cost of brass oxidized bolt kits built into wall	01 No.	15362.50	15,362.50
27	Code- 302 Item # 13	Providing & fixing chromium plated Muslim bib Cock without Muslim Shower of approved quality.	01 No.	3381.75	3,381.75
28	Code- 317 Item # 12	Fixing floor trap of sizes with gratings including cutting and making the requisite number of holes in walls, plinth and floors and making good in 1:2:4 C.C.	02 Nos.	788.31	1,576.62
29	Code- 315 Item # 01	Providing manhole type 'A' size 2 feet x 1-1/2 feet or (610 mm x 457 mm) (inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 to 305 mm) dia pipes up to 3 feet-11 inches (1.19 m) depth with cast iron cover and frame 16 inches (406 mm) dia, inside (weight=1 Cwt.1 Qtr.) or 63.5 kg. fixed in 4 inches (100 mm) thick RCC 1:2:4 slab, 8 inches (203 mm) thick c.c. 1:3:6 block masonry walls set in 1:3 c.m; 6 inches (150 mm) thick 1:3:6 c.c. in foundation 1:2:4 c.c. in benching, 1/2 inches (13 mm) thick cement plaster in 1:3 C.M. to all inside wall surface, channels and benching etc. and to top including making requisite number of main and branch channels but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame.	02 Nos.	10617.49	21,234.98
30	Code #302 Item # 12	Providing and fixing Royal bath room accessories of set of 6 pieces consist of one towel rod with bracket, one tooth brush holder with glass and cover, one double hook one towel ring etc complete of approved quality as per direction of Engineer in-charge.	01 No.	10405.25	10,405.25
31	Code #306 Item # 24	Providing and fixing un platized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 3 inches (80 mm) dia pipe..	30 Rft.	503.47	15,104.10
32	Code #306 Item # 25	Providing and fixing un platized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 4 inches (100 mm) dia pipe..	30 Rft.	600.01	18,000.30
33	Code #306 Item # 27	Providing and fixing un platized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 6 inches (150 mm) dia pipe.	50 Rft.	716.62	3,5831.00

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
34	Code- 305 Item # 01	Providing G.I. pipes, specials and clamps etc., including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc., painting 2 coats after cleaning the pipe etc.; with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 M) and cartages within 10 miles (16.09 km.) (ILLM). 1/2 inch (15mm) dia pipe.	25 Rft.	202.94	5,073.50
35	Code- 305 Item # 02	Do. Do. 3/4 inch (20 mm) dia pipe. (ILLM).	40 Rft.	257.38	10,295.20
36	Code- 305 Item # 03	Do. Do. 1 inch (25 mm) dia pipe (ILLM).	200 Rft.	366.46	73,292.00
37	Code 307 Item # 07	Providing and fixing 1/2 inches (15 mm) dia full way gun metal valves with wheels threaded or flanged ends with rubber washers, (standard pattern).	01 No.	1405.40	1,405.40
38	Code -307 Item # 08	Do. Do. 3/4 inch (20 mm) dia Do.	01 No.	2017.90	2,017.90
39	Code 307 Item # 09	Do. Do. 1 inch (25 mm) dia Do.	01 No.	4012.90	4,012.90
TOTAL AMOUNT OF CIVIL WORKS SCHEDULE ITEMS "A"					1,461,201.30
Premium Add / Less (+/-)					
Total Amount 'A'					
B- CIVIL WORKS (SEPTIC TANK AND SOAK PITS) SCHEDULE ITEMS					
01	Code -102 Item # 05	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	80 Sft.	3.32	265.60
02	Code-103 Item # 17	Excavation for raft foundations underground tanks and septic tanks (rectangular or square) in hard rock by hammering, chiselling, and jumper work including stacking of serviceable and unserviceable materials separately, lead up to one chain (30.5 Ru.m) and lift up to 5 feet (1.52 m).	160 Cft.	44.34	7094.40
03	Code -103 Item # 23	Excavation for wells, circular underground tanks and soak pits etc., in strata of conglomeration of gravel and boulders by hammering, chiselling and jumper work including stacking of serviceable and unserviceable material separately, lead up to one chain (30.5 R.m) and lift up to 5 feet (1.52 m).	370 Cft.	26.08	9649.60
04	Code - 114 Item # 99	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in foundation or bottom slab of rectangular underground tank including form works and its removal, levelling, compacting and curing etc. complete but excluding the cost of reinforcement..	15 Cft.	309.18	4637.70
05	Code - 114 Item # 101	Providing and laying reinforced cement concrete using, screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in walls of rectangular underground water tank or septic tank including form works and its removal, compacting and curing etc. complete, but excluding the cost of reinforcement..	65 Cft	540.20	35113.00
06	Code - 114 Item # 102	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in baffle walls of rectangular septic tank including form works and its removal, compacting and curing etc. complete but excluding the cost of reinforcement	17 Cft.	465.57	7914.69

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
07	Code - 114 Item # 104	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq. inch (15.52 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in top slab of rectangular underground water tank or septic tank its removal, compacting and curing etc. complete but excluding the cost of reinforcement.	35 Cft.	462.39	16183.65
08	Code- 114 Item # 166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	400 Kg.	282.45	112980.00
09	Code- 105 Item # 14	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	20 Cft.	235.04	4700.80
10	Code- 127 Item # 22	Supplying and laying for sub-base, soling coat, 6" (150 mm) gauge stone boulders to required grade and camber including packing with spawls, chips and consolidating with power roller with all lead and lift	27 Cft.	82.02	2214.54
11	Code - 122 Item # 04	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	260sft	43.81	11390.60
12	Code - 122 Item # 08	3/4" (19 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	130sft	53.35	6935.50
13	Code - 112 Item # 97	Providing and laying first class solid burnt brick masonry in cement mortar 1:3 wells (steining) more than 13-1/2 inches (343 mm) thick including scaffolding curing etc. complete depth upto 10 feet (3.05 m)	300cft	497.19	149157.00
14	Code -306 Item # 27	Providing and fixing un platized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 6 inches (150 mm) diapipe.	20rft	716.62	14332.40
15	Code -315 Item # 26	Providing & fixing G.I Cover & Frame 18" dia (460mm) weight 1 cwt 3 Qtr (88.90 Kg)	02 Nos.	25630	51260.00
16	Code -304 Item # 01	Providing and fixing 4 inches (100 mm) dia C.I soil and vent pipes spun including cutting and fitting and extra painting to match the colour of the building and cartage within 10 miles (16.09Km)	06 Rft.	789.06	4734.36
17	Code -304 Item # 14	Providing and fixing 4 inches (100mm) dia C.I. bend of the required degree with access door, rubber washer 1/8 inch (3.2mm) thick and bolts and nuts and extra painting to match the colour of the building and cartage within 10 miles (16.09 Km). (for Spun pipe).	06 Nos.	1035.95	6215.70
TOTAL AMOUNT OF CIVIL WORKS (SEPTIC TANK AND SOAK PITS) SCHEDULE ITEMS "B"					444779.54
Premium Add / Less (+/-)					
Total Amount "B"					
C- ELECTRICAL WORKS NON-SCHEDULE ITEM					
01.	None Schedule item	Providing, Wiring & Connecting of single light point & ceiling fan point, control by one single pole switch with MS back box of Clipsal Australia / MK England / Bosch Germany or	08 Nos.		

Sr. No.	PWD Schedule Code-2022	Description Of Item	Qty.	Rate (Rs.)	Amount (Rs.)
		equivalent make, wiring with 3 x 1.5mm ² single core PVC insulated wire of Pakistan cable/ AGE/ Pioneer or equivalent make, drawn in 3/4" PVC conduit with all accessories of Prince/ Nawab/ Jeddah or equivalent make, recessed concealed in roof, beam and wall Complete in all respect such as MS fan box and back box as per drawing as required & as approved by the Engineer /Directorate of Works & Services.			
02	None Schedule item	Providing and wiring of the security room and bath room circuit with 2x6mm ² + 1x2.5mm ² stranded Single core Cu, PVC insulated wire of Pakistan Cable/Pioneer/ AEG or equivalent make, drawn in 01" PVC conduit with all accessories of Prince/ Nawab/ Jeddah or equivalent make, recessed canceled under floor and natural ground 01feet depth (about 30 meter). Complete in all respect as per drawing as required and as approved by the Engineer/ Directorate of Works & Services.	02 Nos.		
03	None Schedule item.	Providing, Fixing & Wiring of Multi pin 13 Amp (International) power point with 2x2.5mm ² +1x 1.5mm ² single core cu, PVC insulated wire of Pakistan cable/ AGE/ Pioneer or equivalent make, drawn in 3/4" PVC conduit of Prince/ Nawab/ Jeddah or equivalent make with all accessories, including 02 Nos. power outlet of 13 Amp (International) power outlet of Clipsal Australia MK England / Bosch Germany or equivalent make, with MS back box, recessed canceled in wall & floor. Complete in all respect as per drawing as required & as approved by the Engineer / Directorate of Works & Services.	02 Nos.		
04	None Schedule item.	Providing, fixing & connecting of 40W 04 feet LED Tube light fixture 2000 lumens of Philips/ Osaka/ Sogo, osaka or equivalent make. Complete in all respect such as round cover and ceiling rose etc. as per drawing as required and as approved by the Engineer/ Directorate of Works & Services.	04 Nos.		
07	None Schedule item	Providing and fixing of 12 inch excuse Fan Metal type with plapper farming of Pak, Royal or GFC or equivalent make. Complete in all respect such as round cover and ceiling rose etc.as per drawing as required and as approved by the Engineer/ Directorate of Works & Services.	02 Nos.		
TOTAL AMOUNT ELECTRICAL WORKS NON-SCHEDULE ITEM "C"					

SUMMARY OF COST

Total Amount of Civil Works Schedule Items "A"	=	Rs
Total Amount of Civil Works (Septic Tank & Soak Pits) Schedule Items "B"	=	Rs
Total Amount Electrical Works Non-Schedule Item "C"	=	Rs _____
GROSS TOTAL AMOUNT		Rs

Note:

Rates quoted in the Bids must include of all Taxes (Income Tax & SRB).

SIGNATURATURE OF CONTRACTOR WITH SEAL



DAWN

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NED UNIVERSITY
OF ENGINEERING & TECHNOLOGY

Procurement Cell
University Road, Karachi-75270
Tel: 9926 1261 + 68 (Ext. 2471 & 2501) Fax: 9926 1250
Email: procurement@ned.edu.pk Website: <http://www.ned.edu.pk>
No. PC/NED/OWS/Construction/27a/2023 Date: JUNE 12, 2023

SAY NO TO CORRUPTION

TENDER DOCUMENT CORRIGENDUM
Tender # PC/NED/OWS/Construction/27a/2023

Different Civil Works Required at TIEST
With reference to NET published in newspapers and also hosted on the websites of NEDUET and SPPRA on 24.05.2023, all bidders and concerned are informed that BoQ of the said tender has been **UPDATED**, details are available on the websites of NEDUET and SPPRA. Besides, the said Tender has also been rescheduled as follows:

Tender Schedule : Date and Time			
Issuance of Documents from	Last Date of Issuance of Tender Documents	Tenders Submission Deadline	Tenders Opening Date / Time
26 MAY 2023	23 JUNE 2023	26 JUNE 2023 10:30 am	26 JUNE 2023 11:00 am

However, all other **Terms and Conditions** will remain the same.

Director Procurement



NED UNIVERSITY OF ENGINEERING & TECHNOLOGY



Director
Procurement

PROCUREMENT CELL

University Road, Karachi-75270

Tel: 9926 1261 - 68 (Ext: 2471 & 2501) Fax: 9926 1255
Email: dp@neduet.edu.pk Website: http://www.neduet.edu.pk

No. PC/NED/COS/164635/8279/2440 Date: JUNE 12, 2023

SAY NO TO CORRUPTION

ٹینڈر دستاویزات میں ترمیم

Tender # PC/NED/DWS/Construction/8279/2023

Different Civil Works Required at TIEST

بحوالہ ہمارے NIT مطبوعہ اخبار بڈا اور NEDUET و SPPRA ویب سائٹس، مورخہ 24 مئی 2023 تمام بولی دہندگان تیز دیکر کو مطلع کیا جاتا ہے کہ ٹینڈر کی BoQ میں مختلف تبدیلیاں کی گئی ہیں جس کی تفصیلات NEDUET اور SPPRA کی ویب سائٹس پر دستیاب ہیں۔ علاوہ ازیں ٹینڈر شیڈول کو بھی مندرجہ ذیل تفصیل کے مطابق تبدیل کیا گیا ہے۔

نیا ٹینڈر شیڈول تاریخ اور وقت

ٹینڈر کھلنے کی تاریخ و وقت	ٹینڈر جمع کرانے کی آخری تاریخ و وقت	دستاویزات جاری کرنے کی آخری تاریخ	دستاویزات جاری کرنے کا آغاز
26 جون 2023 صبح 11:00 بجے	26 جون 2023 صبح 10:30 بجے	23 جون 2023	26 مئی 2023

ٹینڈر کی دیگر شرائط و ضوابط میں کوئی تبدیلی نہیں ہے۔ ڈائریکٹر پروکیورمنٹ



ABC

عوامي حقن جي ترجمان، ڪمپيوٽر تي پهرين مڪمل اخبار

CERTIFIED

ڪراچي، حيدرآباد ۽ سکر مان هڪ ئي وقت شايع ٿيندڙ

Daily AWAMI AWAZ

روزاني

عوامي آواز

Daily AWAMI AWAZ Karachi

سال 34_ شمارو 162 | اڱارو 13 جون 2023ء، 23 ذوالقعد 1444ھ | صفحا 08_ قيمت 40 روپيا



NED UNIVERSITY OF ENGINEERING & TECHNOLOGY



Director
Procurement

PROCUREMENT CELL

University Road, Karachi-75270

Tel: 9926 1261 - 68 (Ext: 2471 & 2501) Fax: 9926 1255
Email: dp@neduet.edu.pk Website: http://www.neduet.edu.pk

No. PC/NED/COS/164635/8279/2440 Date: JUNE 12, 2023

SAY NO TO CORRUPTION

ٽينڊر دستاويزن ۾ ترميم

Tender # PC/NED/DWS/Construction/8279/2023

Different Civil Works Required at TIEST

اسان جي NIT جي حوالي سان جيڪو هن اخبار ۾ ۽ SPPRA ۽ NEDUET ويب سائيتس، تي بتاريخ 24 مئي 2023 شايع ٿيو مٿي واک ڏيندڙن سان گڏوگڏ بين کي آگاهه ٿوڪجي ته ٽينڊر جي BoQ ۾ مختلف تبديليون ڪيون ويون آهن جن جا تفصيل SPPRA ۽ NEDUET ويب سائيتس تي دستياب آهن. ان سان گڏ ٽينڊر شيڊيول کي پڻ هيٺين تفصيل جي مطابق تبديل ڪيو ويو آهي.

نئون ٽينڊر شيڊيول تاريخ ۽ وقت

ٽينڊر کولڻ جي تاريخ/وقت	آخري تاريخ/وقت	دستاويز جاري ڪرڻ جي آخري تاريخ	دستاويز جاري ڪرڻ جو آغاز
26 جون 2023 صبح 11:00 وڳي	26 جون 2023 صبح 10:30 وڳي	23 جون 2023	26 مئي 2023

ٽينڊر جي ٻين شرط شرطن ۾ ڪا تبديلي نه آهي.

ڊائريڪٽر پروڪيورمينٽ