

PIU-IFRAP
(COMPONENT-I)

**CONSTRUCTION /
REHABILITATION WORKS AT
GBHS TAJ MUHAMAMD LEHRI**

BOQs

VOLUME-II

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
BASED ON COMPOSITE SCHEDULE OF MARKET RATES
SUMMARY OF SCHOOL

S.No	DESCRIPTION OF WORKS	TOTAL AMOUNT (RS)
1	REPAIR & RENOVATION WORKS	
i	CIVIL WORK	
ii	ELECTRIC REPAIR	
iii	TOILET REPAIR	
iv	PLUMBING REPAIR	
2	CONSTRUCTION OF 2 Nos TOILETS	
i	CIVIL WORK	
ii	ELECTRIC WORK	
iii	PLUMBING WORK	
3	PLANTERS, GARDEN	
4	PLANTERS & PLANTATION	
5	SCIENCE LAB	
6	FILTRATION PLANT ROOM	
7	CONSTRUCTION OF RAMP	
8	CONSTRUCTION OF PATHWAYS	
9	CONSTRUCTION OF BOUNDARY WALL	
10	CONSTRUCTION OF MAIN GATE	
11	CONSTRUCTION OF HAND WASH	
12	FLOOD WATER CHANNEL	
GRAND TOTAL		
ABOVE / BELOW %		
TOTAL		
ADD 4% BRA		
GRAND TOTAL		
G.TOTAL CAST IN MILLION		

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
REPAIR & RENOVATION WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
	DISMANTLING WORK				
1	Dismantling plain cement concrete 1 : 2 : 4 & richer mixes				
	Total	237.00	Cft		
2	Dismantling brickwork in lime or cement mortar upto 9" width				
	Total	910.75	Cft		
3	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel)				
	Total	382.96	Cft		
4	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
	Total	331.88	Cft		
	BRICK WORK				
5	Providing and laying first class solid burnt brick masonry 1:4 CM (Brick Strength :1800 psi- 2000 psi) including scaffolding, raking out joints and curing in foundation and substructure /Basement i/c cost of testing. Above 4.5" thick				
	Total	210.19	Cft		
	BRICK WORK				
6	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Up to 4.5" (115 mm) nominal thick brick work				
	Total	1963.15	Cft		
	PLASTER WORK				
7	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and columns in basement, plinth and ground floor including making edges, corners with deep cut groves and curing.				
	Total	17921.55	Sft		
	FLOORING WORK				
8	Providing and laying hand mixed 1 : 4 : 8 cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.				
	Total	1389.81	Cft		
	FLOORING WORK				
9	Providing and laying 1:2:4 cement concrete 2" 50 mm) nominal thick flooring using crushed aggrgate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.				
	Total	7249.20	Sft		
	FLOOR TILE WORK				
10	Providing and laying Vitrified/ Porcelain tiles in floor with different sizes, Glazed or Matt, local or imported as directed by the Engineer-In-Charge, laid with 6mm thick layer of cement based high polymer modified quick set tile adhesive (water based) with a Base Price= Rs. 2250 per Sq.M. (It may be noted that reduction in the rate shall be made accordingly if the cost of purchase of tile is less than the base price).				
	Total	12922.59	Sft		
	WALL TILE WORK				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

REPAIR & RENOVATION WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
11	Providing and Fixing 3/4"(19mm) thick Sand Stone (Gadab Stone) on interior and exterior wall and cladding including with cement sand mortar 1:3 complete in all respects.				
	Total	1698.75	Sft		
	TILE WORK (DADO & SKIRTING)				
12	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.				
	Total	943.63	Sft		
	PRECAST CEMENT JALI				
13	Providing and fixing 1 : 2 precast cement concrete jali or louvers upto 2"(50mm) thick in required shape including formwork and its removal, compacting and curing				
	Total	1133.75	Sft		
14	Removing windows and sky lights with chowkat				
	Total	150.00	Each		
	UPVC WINDOWS				
15	Providing and fixing factory made uPVC fixed or openable glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately).				
		2524.50	Sft		
	DOOR SHUTTER				
16	Providing and fixing 1.5" (38 mm) thick pressed veneered door shutters fully flushed with Teak wood 3 Ply First class wood veneering on all faces and sides fixed over partial wood cavited core and frame work of not less than 4" (100mm) wide strips all round with approved iron hinges, tower bolts as required				
		763.00	Sft		
	IRON GRILLS				
17	Providing and fixing iron grills with square bars of 3/8" size as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood.				
		1,240.00	Sft		
	SCRAPING OF OLD PAINTING				
18	Scraping, rubbing and cleaning emulsion finish distemper, snowcem and paints of all sort from walls and ceiling including removal of rubbish in all floors.				
	Total	58299.42	Sft		
	MATTE FINISH (INTERNAL)				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

REPAIR & RENOVATION WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
19	Painting old surface in ground floor or basement with ICI/Berger or equivalent plastic emulsion paint as per manufacturer' s instructions on plastered, rendered and concrete surface including cleaning and sand papering the surface. Two coat (@ atleast 1.65 Litre per 10 Sq.m)				
		22973.76	SFT		
20	Distempering with Berger/ ICI or equivalent synthetic vinyl emulsion paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning in basement and ground floor. Three coats (@ atleast 1.75 Litre per 10 Sq.m)				
	Total	19128.35	SFT		
	WEATHER SHIELD (EXTERNAL)				
21	Applying weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris. Three coats (@ atleast 1.75 Litre per 10 Sq.m)				
		22970.78	SFT		
	PAINTING WINDOWS & DOOR				
22	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)				
		2704.00	SFT		
23	Painting with acid or alkali resisting paint of approved shade and make in two or more coats as per manufacturer's instructions on wood work , plastered rendered and or concrete surface over and including the cost of priming coat, surface preparation, rubbing down smooth, cleaning and rubbing in ground floor or basement. (@ atleast 2.45 Litre per 10 Sq.m)				
		1476.00	SFT		
	RUBBER COATING				
24	Providing and Applying Rubber coating paint with water proofing agent including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m).				
	Total	19229.79	Sft		
25	Filling watering and ramming earth under floor with new earth from out side lift up to 1.5m (including excavation)				
	TOTAL QUANTITY	44181.00	CFT		
26	Providing and Applying wall art painting work including environmental lettering including the cost of priming coat including preparation of surface dusting etc All complete as per specification as directed by the Engineer .				
		1397.50	Sft		
TOTAL COST					0

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
ELECTRICAL REPAIR WORKS

S. No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (RS)	AMOUNT (RS)
1	Light circuit concealed / open wiring with length upto 75 ft. (25m) from distribution board to point/switch with 3x2.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables for offices/multi storeyed buildings. (Concealed wiring with 3/4" 20 (mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.)				
		15	Point		
2	Concealed / open wiring from point to switch with length upto 30 ft. (10m) including any switch to switch wiring with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables, (Concealed wiring with 3/4" 20 (mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.)				
		40	Point		
3	Concealed/open wiring from point to point with length upto 10 ft. (3m) Sq.mm PVC insulated single core copper conductor with 3x1.5 Pakistan Cables, Pioneer, Newage or approved equivalent cables.				
		27	Point		
6	Supply and install 3-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed I wall.				
		15	No.		
7	Supply and install combined 2/3 pin 5 Amps, 250 Volt switch socket unit including plastic box to be fixed recessed in wall.				
		20	No.		
8	Supply and installation of 1" (25mm) dia PVC concealed conduit including all accessories such as bends, elbows etc.				
		350	R.ft.		
9	Supply and install LED Bulb including installation				
		132	No.		
10	Supply and install 56" (1.42 m) sweep ceiling fan with fan hook and dimmer complete with all accessories.				
		45	No.		
11	Supply and install Extra for installing each number circuit breaker 6Ampere on same distribution board and bus bar (For outgoing).				
		8	No.		
12	Supply and install 6 sq.mm PVC insulated single core 600/1000V.cable with copper conductor in already concealed PVC conduit. (2x 6sqmm +1mm as Ecc for AC Points .)				
		800.00	R.ft.		
13	Supply and install 4.0 sq.mm PVC insulated single core 600/1000V.cable with copper conductor in already concealed PVC conduit.				
		1200.00	R.ft.		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

ELECTRICAL REPAIR WORKS

S. No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (RS)	AMOUNT (RS)
14	Supply and install 2.5 sq.mm PVC insulated single core 600/1000V.cable with copper conductor in already concealed PVC conduit.				
		600.00	R.ft.		
15	Supply, installation, connection of wires cables, and commissioning of distribution boards concealed type or to be installed on wall, made of 16 SWG M.S. sheet degreased and derusted, zinc phosphated,finished with electro ststic powder coating of 15 micron thickness sheet with hinged door, handle, catcher, earthing bar and neutral link with necessary holes, nuts, bolts, washers, earthing of DB door with braided copper internal wiring , PVC cable glands for incoming and out going wires/cables, 2 earthing terminals designation label engraved on plastic sheet of appropriate size to be pasted on the front side of DB, 3 phase / single phase (as required)indication lamps (LED Type) moulded case circuit breaker with overload and short circuit protection incoming side and out going side Circuit Breaker to be installed on bus bar and volt meter including cost of all necessary fixing accessories complete in all respects.				
	(1.25 x 1.25)	1.88	SFT		
	Supply and install Circuit Breaker.				
	Single Pole Circuit Breaker 10 Ampere	6.00	Each		
	Single Pole Circuit Breaker 16 Ampere	10.00	Each		
	3 Pole Circuit Breaker 32 Ampere	2.00	Each		
TOTAL					-

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
TOILETS REPAIR WORK

S.#	Description	QTY:	UNIT	Rate	Amount
	DISMANTLING WORK				
1	Dismantling plain cement concrete 1 : 2 : 4 & richer mixes				
	Total	225.89	Cft		
2	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
	Total	225.89	Cft		
	PLASTER WORK				
3	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and columns in basement, plinth and ground floor including making edges, corners with deep cut grooves and curing.				
	Total	3591.28	Sft		
	FLOOR TILE WORK				
4	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles of any colour and size in ground floor laid over 1" (25mm) thick cement sand mortar base including jointing and washing the tiles with white cement slurry of matching color by using color pigment and curing				
	Total	451.78	Sft		
	TILE WORK (DADO & SKIRTING)				
5	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.				
	Total	834.00	Sft		
	UPVC WINDOWS				
6	Providing and fixing factory made uPVC fixed or openable glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately).				
		24.00	Sft		
	DOOR SHUTTER				
7	Providing and fixing 1.5" (38 mm) thick pressed veneered door shutters fully flushed with Teak wood 3 Ply First class wood veneering on all faces and sides fixed over partial wood cavited core and frame work of not less than 4" (100mm) wide strips all round with approved iron hinges, tower bolts as required				
		140.00	Sft		
	IRON GRILLS				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
TOILETS REPAIR WORK

S.#	Description	QTY:	UNIT	Rate	Amount
8	Providing and fixing iron grills with square bars of 3/8" size as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood.				
		24.00	Sft		
	MATTE FINISH (INTERNAL)				
9	Painting old surface in ground floor or basement with ICI/Berger or equivalent plastic emulsion paint as per manufacturer' s instructions on plastered, rendered and concrete surface including cleaning and sand papering the surface. Two coat (@ atleast 1.65 Litre per 10 Sq.m)				
		1710.28	SFT		
10	Distempering with Berger/ ICI or equivalent synthetic vinyl emulsion paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning in basement and ground floor. Three coats (@ atleast 1.75 Litre per 10 Sq.m)				
	Total	451.78	SFT		
	WEATHER SHIELD (EXTERNAL)				
11	Applying weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris. Three coats (@ atleast 1.75 Litre per 10 Sq.m)				
		1461.50	SFT		
	PAINTING WINDOWS & DOOR				
12	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)				
		164.00	SFT		
	RUBBER COATING				
13	Providing and Applying Rubber coating paint with water proofing agent including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m).				
	Total	479.25	Sft		
TOTAL COST					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
PLUMBING REPAIR WORKS

S. No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (RS)	AMOUNT (RS)
1	Providing and Installing uPVC blind pipe of approved make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing, testing and disinfecting uPVC pipe lines in trenches. (3" (75 mm) inner dia)				
	GROUND FLOOR	80	RFT		
2	Providing and Installing uPVC blind pipe of approved make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing, testing and disinfecting uPVC pipe lines in trenches. (4" (100 mm) inner dia)				
	GROUND FLOOR	100	RFT		
3	Providing and fixing squatting type water closet with integral treads ICL Boch/Karam Cera or approved equivalent make including cost of inlet pipe cistern and lid cistern kit, stop cock deluxe type and other accessories, fittings, brackets, PVC down pipe, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.				
	GROUND FLOOR	8	Nos		
4	Providing, laying, cutting, jointing, testing and disinfecting PPRC (3/4) 20mm dia pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connnections and jointing material				
	GROUND FLOOR	560	RFT		
5	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe 25mm (1") i/dia pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connnections and jointing material				
	GROUND FLOOR	260	RFT		
6	Providing and fixing chromimum plated bib cock 20mm (.75") of superior quality of approved make				
	GROUND FLOOR	16	No		
7	Providing and fixing LDPE 300 gallons capacity overhead tank manufactured by Dura or equivalent on top of any floor				
	TOP FLOOR	5	No		
TOTAL					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF 2 Nos TOILET
CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
	SUB STRUCTURE WORK				
1	Clearing the Site / jungle by cutting removing ,all shrubs ,trees and taking out entire roots and filling the hollows with earth dressing consolidation and watering the filling including stacking the serviceable material and disposal of unserviceable material lead up to 300 meters.				
	TOTAL QUANTITY	360.00	SFT		
2	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel)				
	TOTAL QUANTITY	764.89	CFT		
3	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
	TOTAL QUANTITY	55.20	CFT		
4	Providing and fabricating and laying Tor steel grade 60 having yield strength equal to 60000 psi reinforcement for all kind of RCC work in foundation , plinth and ground floor including the cost of straightening , removal of rust , cutting bending , binding wastage and providing such overlap as are not shown on the drawings , the cost of building wire and precast 1:2:4 cement concrete spacer block or MS chairs for binding and holding the reinforcement in position is inclusive up to 5m (14.6 ft)				
	TOTAL QUANTITY	1.114	Ton		
5	Providing and laying in situ cement concrete (1;2;4 cement sand & crush) using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, compaction, curing and removal of formwork				
	TOTAL QUANTITY	161.88	CFT		
6	Providing and laying first class solid burnt brick masonry 1:4 CM (Brick Strength :1800 psi- 2000 psi) including scaffolding, raking out joints and curing in foundation and substructure /Basement i/c cost of testing. Above 4.5" thick				
	TOTAL QUANTITY	411.56	CFT		
7	Providing and laying in situ cement concrete 1 : 2 : 4 cement concrete using crush stone using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in foundation including compacting, curing, cost of form-work & its removal in basement and ground floor.				
	TOTAL QUANTITY	16.59	CFT		
8	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.				
	TOTAL QUANTITY	58.57	CFT		
9	Filling watering and ramming earth under floor with new earth from out side lift up to 1.5m (including excavation)				
	TOTAL QUANTITY	284.25	CFT		
10	Filling watering and ramming earth under floors with surplus earth from foundation etc.				
	TOTAL QUANTITY	252.41	CFT		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF 2 Nos TOILET

CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
11	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Above 4.5" (115 mm) nominal thick brick work				
	TOTAL QUANTITY	252.28	CFT		
12	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Up to 4.5" (115 mm) nominal thick brick work				
	TOTAL QUANTITY	22.50	CFT		
13	Providing and laying in situ cement concrete 1 : 2 : 4 cement concrete using crush stone using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in foundation including compacting, curing, cost of form-work & its removal in basement and ground floor.				
	PLINTH TO SLAB				
	TOTAL QUANTITY	18.81	CFT		
14	Providing and laying 1:2:4 cement concrete using crush stone 19 mm and down gauge in beams of required shapes or section including form work and its removal compacting and curing in basement and ground floor but excluding the cost of reinforcement .				
	TOTAL QUANTITY	15.75	CFT		
15	Providing and laying 1:2:4 cement concrete using crush stone 19mm (3/4") and down gauge in slab up to 150mm 6" thickness including formwork and its removal compacting and curing in basement and ground floor.				
	TOTAL QUANTITY	84.28	CFT		
	PLASTER WORKS				
16	Cement plaster using Coarse Sand 1:4 cement mortar ratio on soffits of ceiling, cantilever slabs, sides and soffits of beams, in basement and ground floor including making edges, corners and curing.				
	TOTAL QUANTITY	157.88	SFT		
17	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on Internal wall and columns in basement plinth and ground floor including making edges corner and curing.				
	TOTAL QUANTITY	494.05	SFT		
18	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and columns in basement, plinth and ground floor including making edges, corners with deep cut grooves and curing.				
	TOTAL QUANTITY	330.00	SFT		
	FLOORING WORKS				
19	Supplying and dumping without boat within a lead of 300 ft (90m or three chains). (No additional cost to be provided for voids) Oversize shingle 3" to 9" (75 mm to 230 mm).				
	TOTAL QUANTITY	104.24	CFT		
20	Providing and laying hand mixed 1 : 4 : 8 cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.				
	TOTAL QUANTITY	35.81	CFT		
21	Providing and laying 1:2:4 cement concrete 2" 50 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF 2 Nos TOILET

CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
	TOTAL QUANTITY	92.13	SFT		
22	Providing glass strips 1/4" (5 mm) thick and 1-1/2" (37.5 mm) wide for dividing the terrazo/mosaic flooring into panels. The cost of fixing is deemed to have been taken in composite rate of respective item.				
	TOTAL QUANTITY	7.13	Rft		
23	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles of any colour and size in ground floor laid over 1" (25mm) thick cement sand mortar base including jointing and washing the tiles with white cement slurry of matching color by using color pigment and curing				
	TOTAL QUANTITY	78.00	SFT		
	EXTERNAL AND INTERNAL FACING WORKS (DADO & SKIRTING)				
24	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.				
	TOTAL QUANTITY	178.00	SFT		
	PAINTING WORKS				
25	Painting with ICI/Berger or equivalent plastic emulsion paint on Wall of approved shade in two or more coats as per manufacturer's instructions on plastered rendered and/or concrete surface over and including the cost of priming coat, surface preparation, dusting, rubbing down smooth, filling cracks, holes removing blisters and other blisters and other imperfections in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)				
	TOTAL QUANTITY	494.05	SFT		
26	Distempering with Berger, ICI or equivalent synthetic polyvinyl (SPD) emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m)				
	TOTAL QUANTITY	160.50	SFT		
27	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)				
	TOTAL QUANTITY	102.00	SFT		
28	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10				
	TOTAL QUANTITY	426.13	SFT		
	WINDOWS & DOOR & JOINERY WORKS				
29	Providing & fixing steel windows / Ventilator with openable glazed panels using G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed beam section for frame 1.5"x1"x5/8"x1/8" z-section for leave 3/4"x1"x3/4"x1/8" T-section sashes 1"x1"x1/8 " 6mm thick glass panes, wooden screws for glazing embedded over a thin layer of putty duty screwed with leave with fittings of approved make including cost of painting, hold fast, fabrication, cutting holes as per approved design.				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF 2 Nos TOILET

CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
	TOTAL QUANTITY	12.50	SFT		
30	Providing and fixing single leaf steel door with frame fully panelled with M.S sheet 16 gauge (1.59mm) painted with two coats of red oxide paint with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.				
	TOTAL QUANTITY	38.50	SFT		
31	Providing and fixing iron grills as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood.				
	TOTAL QUANTITY	12.50	SFT		
32	Providing and fixing 1 : 2 precast cement concrete jali or louvers upto 2"(50mm) thick in required shape including formwork and its removal, compacting and curing				
	TOTAL QUANTITY	27.00	SFT		
33	Providing and fixing wooden box type ward robe using laminated board 3/4" (19mm) thick boxing shelve and back with 3.4" thick deodar wood vaneer board. 550mm (22") deep including 19mm (3/4") thick boxing and shelves hang rods , hard board masonite 4.8mm (3/16") thick back, drawers, brass fitting ,locking arrangement handles, internal bolts, shoe rods including painting				
	TOTAL QUANTITY	8.75	SFT		
34	Providing and laying 1:2:4 cement concrete using roof screeding Coarse Sand and crushed aggregate 3/4" (19mm) and down gauge in terraces 3" (75 mm)				
	TOTAL QUANTITY	142.50	SFT		
TOTAL CIVIL WORK					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF 2 Nos TOILET
ELECTRICAL WORKS

S. No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (RS)	AMOUNT (RS)
1	Light circuit concealed / open wiring with length upto 75 ft. (25m) from distribution board to point/switch with 3x2.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables for offices/multi storeyed buildings. (Concealed wiring with 3/4" 20 (mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.)	1	Point		
2	Concealed / open wiring from point to switch with length upto 30 ft. (10m) including any switch to switch wiring with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables, (Concealed wiring with 3/4" 20 (mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.)	3	Point		
3	Concealed/open wiring from point to point with length upto 10 ft. (3m) Sq.mm PVC insulated single core copper conductor with 3x1.5 Pakistan Cables, Pioneer, Newage or approved equivalent cables.	5	Point		
4	DC Cable 2.5mm ² Single Core - Stranded and flexible insulated copper DC wires and cables must be used for all outdoor and indoor installations. - voltage drop must not exceed 1% on DC side of the power inverter and 1.5% on AC side of the power inverter. - The wiring that leads into the pole, protected in a PVC Spiral / Flexible conduit. - External cables adapted to outdoor exposure as per IEC 60811. - The outer insulation: sunlight (UV)-resistant and weather-proof. Supply, Install, connect, test and commission of CABLES & accessories.	150	R.ft.		
5	Supply and install 1-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed I wall.	2	No.		
6	Supply and installation of 1" (25mm) dia PVC concealed conduit including all accessories such as bends, elbows etc.	150	R.ft.		
7	Supply and install DC LED Bulb 10 Watt including installation	4	No.		
TOTAL					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF 2 Nos TOILET
PLUMBING WORKS

S. No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (RS)	AMOUNT (RS)
1	Providing and Installing uPVC blind pipe of approved make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing, testing and disinfecting uPVC pipe lines in trenches. (3" (75 mm) inner dia)				
	GROUND FLOOR	50	RFT		
2	Providing and fixing squatting type water closet with integral treads ICL Boch/Karam Cera or approved equivalent make including cost of inlet pipe cistern and lid cistern kit, stop cock deluxe type and other accessories, fittings, brackets, PVC down pipe, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.				
	GROUND FLOOR	1	Nos		
3	Providing and fixing European type glazed earthenware water closet ICL Ifo/Forte or approved equivalent make including cost of inlet pipe, lid cistern kit, stop cock deluxe and other accessories, fitting material such as brackets, PVC down pipe where required, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.				
A	GROUND FLOOR	1	Nos		
4	Providing and fixing chromimum plated bib cock 20mm (.75") of superior quality of approved make				
	GROUND FLOOR	6	No		
4	Providing, laying, cutting, jointing, testing and disinfecting PPRC (3/4) 20mm dia pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material				
	GROUND FLOOR	80	RFT		
5	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe 25mm (1") i/dia pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connections and jointing material				
	GROUND FLOOR	50	RFT		
6	Providing and fixing looking glass of belgium glass 600 mm x 450 mm (24" x 18") and chromimum plated screws with 3.2mm thick hard board				
	GROUND FLOOR	3	Sft		
7	Providing and fitting superior quality plastic accessories of approved make. Shelf 24" x 5" with bracket and railing.				
	GROUND FLOOR	1	No		
8	Providing and fitting superior quality plastic accessories of approved make Towel rod				
	GROUND FLOOR	1	No		
9	Providing and fitting superior quality plastic accessories of approved make Toilet paper holder				
	GROUND FLOOR	1	Nos		
10	Providing and fitting superior quality plastic accessories of approved make Soap dish				
	GROUND FLOOR	1	Nos		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF 2 Nos TOILET

PLUMBING WORKS

S. No	DESCRIPTION OF ITEMS	QTY	UNIT	RATE (RS)	AMOUNT (RS)
11	Providing and fixing LDPE 300 gallons capacity overhead tank manufactured by Dura or equivalent on top of any floor				
	TOP FLOOR	1	No		
12	Supplying HDPE pipes density 700-960 kg/cu.m and carbon black contents > 2% with DIN-8074, 8075 or PS-3580:1997(rev.) ISO 9001-2000 pressure classification of PE - 100 (black) for water PN-16 including specials and valves. 25mm Dia				
		200	Rft		
TOTAL					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
SCIENCE LAB

S.#	Description	QTY:	UNIT	Rate	Amount
	Plain and Reinforced Concrete				
1	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
		41.50	C _{FT}		
	SUPER STRUCTURE WORKS				
2	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Above 4.5" (115 mm) nominal thick brick work				
		58.13	C _{FT}		
	Surface Rendering				
3	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on Internal wall and columns in basement plinth and ground floor including making edges corner and curing.				
		276.00	S _{FT}		
	CEMENT CONCRETE 1:2:4				
4	Providing and laying 1:2:4 cement concrete using crush stone 19mm (3/4") and down gauge in slab up to 150mm 6" thickness including formwork and its removal compacting and curing in basement and ground floor.				
		41.50	C _{ft}		
	STEEL REINFORCEMENT				
5	Providing and fabricating and laying Tor steel grade 60 having yield strength equal to 60000 psi reinforcement for all kind of RCC work in foundation , plinth and ground floor including the cost of straightening , removal of rust , cutting bending , binding wastage and providing such overlap as are not shown on the drawings , the cost of building wire and precast 1:2:4 cement concrete spacer block or MS chairs for binding and holding the reinforcement in position is inclusive up to 5m (14.6 ft)				
		0.30	Kg		
	MARBLE				
6	Providing and laying super white 12"x12" marble tiles floor fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing including the cost of cement mortar.				
		166.00	S _{ft}		
7	Providing and fixing wooden box type ward robe using laminated board 3/4" (19mm) thick boxing shelve and back with 3.4" thick deodar wood vaneer board. 550mm (22") deep including 19mm (3/4") thick boxing and shelves hang rods , hard board masonite 4.8mm (3/16") thick back, drawers, brass fitting ,locking arrangement handles, internal bolts, shoe rods including painting				
	TOTAL QUANTITY	195.00	S _{FT}		
8	Providing and fixing stainless steel sink Pakistan made with C.I. or W.I brackets 6" built in wall, 1.5" (40 mm) rubber plug,C.P. brass chain, C.P. brass waste, pillar tap 2 way deluxe, 1.5" dia malleable iron or C.P. brass trap and unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material.Stainless steel sink 33" x 18" (825 mm x 450 mm)				
	TOTAL QUANTITY	7.00	Each		

**GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
SCIENCE LAB**

S.#	Description	QTY:	UNIT	Rate	Amount
9	Providing, laying, cutting, jointing, testing and disinfecting PPRC (3/4) 20mm dia pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connnections and jointing material				
		210	RFT		
10	Providing and Installing uPVC blind pipe of approved make registered with PSQCA in tubewell bore hole and/or laying, cutting, jointing, testing and disinfecting uPVC pipe lines in trenches. (3" (75 mm) inner dia)				
		150	RFT		
	GRAND TOTAL				

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF FILTRATION PLANT
CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
	SUB STRUCTURE WORK				
1	Clearing the Site / jungle by cutting removing ,all shrubs ,trees and taking out entire roots and filling the hollows with earth dressing consolidation and watering the filling including stacking the serviceable material and disposal of unserviceable material lead up to 300 meters.				
	TOTAL QUANTITY	380.63	SFT		
2	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel)				
	TOTAL QUANTITY	521.25	CFT		
3	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
	TOTAL QUANTITY	57.34	CFT		
4	Providing and fabricating and laying Tor steel grade 60 having yield strength equal to 60000 psi reinforcement for all kind of RCC work in foundation , plinth and ground floor including the cost of straightening , removal of rust , cutting bending , binding wastage and providing such overlap as are not shown on the drawings , the cost of building wire and precast 1:2:4 cement concrete spacer block or MS chairs for binding and holding the reinforcement in position is inclusive up to 5m (14.6 ft)				
	TOTAL QUANTITY	0.756	Ton		
5	Providing and laying in situ cement concrete (1:2:4 cement sand & crush) using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, compaction, curing and removal of formwork				
	TOTAL QUANTITY	173.75	CFT		
6	Providing and laying first class solid burnt brick masonry 1:4 CM (Brick Strength :1800 psi- 2000 psi) including scaffolding, raking out joints and curing in foundation and substructure /Basement i/c cost of testing. Above 4.5" thick				
	TOTAL QUANTITY	411.87	CFT		
7	Providing and laying in situ cement concrete 1 : 2 : 4 cement concrete using crush stone using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in foundation including compacting, curing, cost of form-work & its removal in basement and ground floor.				
	TOTAL QUANTITY	50.91	CFT		
8	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.				
	TOTAL QUANTITY	78.26	CFT		
9	Filling watering and ramming earth under floor with new earth from out side lift up to 1.5m (including excavation)				
	TOTAL QUANTITY	435.00	CFT		
10	Filling watering and ramming earth under floors with surplus earth from foundation etc.				
	TOTAL QUANTITY	172.01	CFT		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF FILTRATION PLANT

CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
11	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Above 4.5" (115 mm) nominal thick brick work				
	TOTAL QUANTITY	429.94	CFT		
12	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Up to 4.5" (115 mm) nominal thick brick work				
	TOTAL QUANTITY	26.06	CFT		
13	Providing and laying in situ cement concrete 1 : 2 : 4 cement concrete using crush stone using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in foundation including compacting, curing, cost of form-work & its removal in basement and ground floor.				
	TOTAL QUANTITY	37.62	CFT		
14	Providing rolled steel joists and channels including hoisting and fixing in position in cement concrete but excluding the cost of cement concrete.				
	TOTAL QUANTITY	138.00	KG		
15	Providing M.S. Tees, angles and flats including fixing in position.				
	TOTAL QUANTITY	224.25	KG		
16	Providing and laying roof insulation comprising single layer of first class burnt brick tile 12"x6"x1.25" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 4inches (100mm) thick earth and 1inch (25mm) thick gobri leaping over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge provided including sand pointing underside of tiles including curing				
	TOTAL QUANTITY	267.38	CFT		
	PLASTER WORKS				
17	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on Internal wall and columns in basement plinth and ground floor including making edges corner and curing.				
	TOTAL QUANTITY	836.00	SFT		
18	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and columns in basement, plinth and ground floor including making edges, corners with deep cut groves and curing.				
	TOTAL QUANTITY	558.00	SFT		
	FLOORING WORKS				
19	Providing and laying hand mixed 1 : 4 : 8 cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.				
	TOTAL QUANTITY	54.38	CFT		
20	Providing and laying 1:2:4 cement concrete 2" 50 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.				
	TOTAL QUANTITY	217.50	SFT		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF FILTRATION PLANT

CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
21	Providing glass strips 1/4" (5 mm) thick and 1-1/2" (37.5 mm) wide for dividing the terrazo/mosaic flooring into panels. The cost of fixing is deemed to have been taken in composite rate of respective item.				
	TOTAL QUANTITY	61.25	Rft		
22	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/Matt tiles of any colour and size in ground floor laid over 1" (25mm) thick cement sand mortar base including jointing and washing the tiles with white cement slurry of matching color by using color pigment and curing				
	TOTAL QUANTITY	80.00	SFT		
	EXTERNAL AND INTERNAL FACING WORKS (DADO & SKIRTING)				
23	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.				
	TOTAL QUANTITY	273.00	SFT		
	PAINTING WORKS				
24	Painting with ICI/Berger or equivalent plastic emulsion paint on Wall of approved shade in two or more coats as per manufacturer's instructions on plastered rendered and/or concrete surface over and including the cost of priming coat, surface preparation, dusting, rubbing down smooth, filling cracks, holes removing blisters and other blisters and other imperfections in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)				
	TOTAL QUANTITY	475.00	SFT		
25	Distempering with Berger, ICI or equivalent synthetic polyvinyl (SPD) emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m)				
	TOTAL QUANTITY	137.50	SFT		
26	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)				
	TOTAL QUANTITY	42.00	SFT		
27	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10				
	TOTAL QUANTITY	511.50	SFT		
	WINDOWS & DOOR & JOINERY WORKS				
28	Providing & fixing steel windows / Ventilator with openable glazed panels using G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed beam section for frame 1.5"x1"x5/8"x1/8" z-section for leave 3/4"x1"x3/4"x1/8" T-section sashes 1"x1"x1/8 " 6mm thick glass panes, wooden screws for glazing embedded over a thin layer of putty duty screwed with leave with fittings of approved make including cost of painting, hold fast, fabrication, cutting holes as per approved design.				
	TOTAL QUANTITY	8.00	SFT		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF FILTRATION PLANT

CIVIL WORKS

S.#	Description	QTY:	UNIT	Rate	Amount
29	Providing and fixing single leaf steel door with frame fully panelled with M.S sheet 16 gauge (1.59mm) painted with two coats of red oxide paint with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.				
	TOTAL QUANTITY	21.00	SFT		
30	Providing and fixing iron grills as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood.				
	TOTAL QUANTITY	7.50	SFT		
31	Providing and laying 1:2:4 cement concrete using roof screeding Coarse Sand and crushed aggregate 3/4" (19mm) and down gauge in terraces 3" (75 mm)				
	TOTAL QUANTITY	267.38	SFT		
TOTAL CIVIL WORK					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
PLANTERS, GARDEN & PLAY AREA WORK

S.#	Description	QTY:	UNIT	Rate	Amount
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)(Shingle or gravel)				
	Total	5833.38	Cft		
2	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
	Total	1447.38	Cft		
	BRICK WORK				
3	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Up to 4.5" (115 mm) nominal thick brick work				
	Total	4111.88	Cft		
	PLASTER WORK				
4	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and columns in basement, plinth and ground floor including making edges, corners with deep cut groves and curing.				
	Total	8670.00	Sft		
	PATCH AREA				
5	Providing and laying hand mixed 1 : 4 : 8 cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.				
	Total	393.30	Cft		
	PATCH AREA				
6	Providing and laying 1:2:4 cement concrete 3" 75 mm) nominal thick flooring using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.				
	Total	786.60	Sft		
	WEATHER SHIELD (EXTERNAL)				
7	Applying weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris. Three coats (@ atleast 1.75 Litre per 10 Sq.m)				
		7032.00	SFT		
	POLE FOR BATING PATCH				
8	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe line IIL or equivalent of approved make registered with PSQCA including the cost of specials and cost of painting 2 coats with bitumen to pipes and specials after cleaning and wrapping tightly hessian cloth soaked in Mexphalt composition around pipes.				
	Total	16.00	Rft		
	GRASS				
9	Supplying and fixing of approved quality live local grass in shape of grass mats				
		13603.00	SFT		
	PLANTATION				
10	Supplying and stacking and Installing of Kangi Palam Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.				
		10.00	No		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
PLANTERS, GARDEN & PLAY AREA WORK

S.#	Description	QTY:	UNIT	Rate	Amount
11	Supplying and stacking and Installing of Manchar Con Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
12	Supplying and stacking and Installing of Silver Palam Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		10.00	No		
13	Supplying and stacking and Installing of Fonix Palam Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
14	Supplying and stacking and Installing of Three Stap Panda Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		15.00	No		
15	Supplying and stacking and Installing of Oultha Ashok Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
16	Supplying and stacking and Installing of Uka Green Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
17	Supplying and stacking and Installing of Mix Fax Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		80.00	No		
18	Supplying and stacking and Installing of Bonsi Move Con Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
19	Supplying and stacking and Installing of Spilar Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
20	Supplying and stacking and Installing of Golden Palam Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		10.00	No		
21	Supplying and stacking and Installing of Mix Colour Gulab Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		80.00	No		
22	Supplying and stacking and Installing of Khalifa Mix Colour Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		60.00	No		
23	Supplying and stacking and Installing of Foxtial Palam Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		16.00	No		
24	Supplying and stacking and Installing of Mix Bard Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		5000.00	No		
25	Supplying and stacking and Installing of Mix Habicus Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		40.00	No		
26	Supplying and stacking and Installing of Jatrofac Black Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		50.00	No		
27	Supplying and stacking and Installing of Agzora Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

PLANTERS, GARDEN & PLAY AREA WORK

S.#	Description	QTY:	UNIT	Rate	Amount
		40.00	No		
28	Supplying and stacking and Installing of Lagstonia mix Plantation Pot size 18 inch dia approved soil (sweet earth) free from salts, including all leads and lifts.		.		
		40.00	No		
	WASTE BIN				
10	Supply and Providing of Plastic moveable Waste bins with cover in different colours and sizes.		.		
		10.00	No		
TOTAL COST					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF RAMP

S.#	Description	QTY:	UNIT	Rate	Amount
	Excavation		.		
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)				
		306.00	CFT		
	Plain and Reinforced Concrete				
2	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
		102.00	CFT		
3	Providing & laying in 1:3:6 situ cement concrete in wall and piers etc, upto 12" (300 mm) in thickness using approved coarse sand & crushed aggregate 3/4" (19mm) & down gauge including compacting, curing, cost of formwork and its removal in basement and ground floor.				
		76.50	CFT		
4	layers not exceeding 8 inchs in thickness.				
	TOTAL QUANTITY	408.00	CFT		
5	Providing and fixing G.I. pipe railing 2.5 ft high of required diameter, comprising vertical posts and horizontal bracings of G.I. pipe of the same dia including cost of specials, bends, threading cutting and making good the floor or wall and or slab of any kind in cement concrete 1:2:4 (Actual pipe length used for vertical posts and horizontal bracings to be measured, length of specials used not to be deducted) 2" (50 mm) dia G.I. pipe railing				
	TOTAL QUANTITY	38.43	Rft		
6	Providing and laying hand mixed 1 : 4 : 8 cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.				
		102.00	Cft		
7	Providing and laying 1:2:4 cement concrete 3" (75 mm) nominal thick flooring using crushed aggrgate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.				
		408.00	Sft		
8	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on Internal wall and coloumns in basment plinth and ground floor including making edges cornor and curing.				
		189.00	Sft		
9	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)				
		126.00	Sft		
10	Applying weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris. Three coats (@ atleast 3.00 Litre per 10 Sq.m)				
		189.00	Sft		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF RAMP

S.#	Description	QTY:	UNIT	Rate	Amount
TOTAL CIVIL WORK					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF PATH WAY

S.#	Description	QTY:	UNIT	Rate	Amount
	Excavation				
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)		.		
		962.63	C_{FT}		
2	Providing and laying hand mixed 1 : 4 : 8 cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.				
		635.33	Cft		
3	Providing and spreading murum (stone dust) of approved quality over stone metalling (water bound macadam) or brick ballast. Watering and consolidation with road roller including all lead and lift. (murum upto 25% of road metal) (including royalty of Quarry).				
		3999.44	Cft		
	CONCRETE PAVER				
4	Supply and Fixing of Concrete pavers on sand cushion of different designs having 60mm thick Cloured tuff tile mechanically compressed, minimum strenght of 4500 psi after laboratory testing at factory and random testiing at site as and when desired by the Engineer inchange comple in all respects.				
		15997.75	sft		
TOTAL CIVIL WORK					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF BOUNDARY WALL

S.#	Description	QTY:	UNIT	Rate	Amount
	DISMANTLING OF BRICK WALL				
1	Dismantling brickwork in lime or cement mortar upto 9" width		.		
		852.00	C_{FT}		
	Excavation				
2	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)				
		455.00	C_{FT}		
	Plain and Reinforced Concrete				
3	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
		60.06	C_{FT}		
	Steel Reinforcement				
4	Providing and fabricating and laying Tor steel grade 60 having yield strength equal to 60000 psi reinforcement for all kind of RCC work in foundation , plinth and ground floor including the cost of straightening , removal of rust , cutting bending , binding wastage and providing such overlap as are not shown on the drawings , the cost of building wire and precast 1:2:4 cement concrete spacer block or MS chairs for binding and holding the reinforcement in position is inclusive up to 5m (14.6 ft)				
		1.82	TON		
	Foundation Footing				
5	Providing and laying in situ cement concrete (1:2:4 cement sand & crush) using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, compaction, curing and removal of formwork				
		136.50	C_{FT}		
	Column				
6	Providing and laying in situ cement concrete 1 : 2 : 4 cement concrete using crush stone using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in foundation including compacting, curing, cost of form-work & its removal in basement and ground floor.				
		128.44	C_{FT}		
	Foundation Brick work				
7	Providing and laying first class solid burnt brick masonry 1:4 CM (Brick Strength :1800 psi- 2000 psi) including scaffolding, raking out joints and curing in foundation and substructure /Basement i/c cost of testing. Above 4.5" thick				
		152.53	Cft		
	Plinth Beam				
8	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band , door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.				
		76.78	C_{FT}		
	Superstructure Brick Work				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF BOUNDARY WALL

S.#	Description	QTY:	UNIT	Rate	Amount
9	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Above 4.5" (115 mm) nominal thick brick work				
		1433.40	C_{FT}		
	Plain and Reinforced Concrete				
10	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in precast shelves coping, cornices, eave boards, hood, fencing posts and manhole covers etc. including formwork & its removal, compacting and curing in ground floor.				
		80.81	C_{FT}		
	Surface Rendering				
11	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and olums in basement, plinth and ground floor including making edges, corners with deep cut groves and curing.				
		8044.00	S_{FT}		
	WALL TILE WORK				
12	Providing and Fixing 3/4"(19mm) thick Sand Stone (Gadab Stone) on interior and exterior wall and cladding including with cement sand mortar 1:3 complete in all respects.				
	Total	1844.06	S_{ft}		
	WEATHER SHIELD				
13	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10				
		12960.00	S_{FT}		
TOTAL CIVIL WORK					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
MAIN GATE

S.#	Description	QTY:	UNIT	Rate	Amount
	Excavation		.		
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)				
		72.00	CFT		
2	Providing and laying plain hand mixed cement concrete 1:4:8 cement using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.				
		6.00	CFT		
3	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft (5m) height		.		
		0.14	Ton		
4	Providing and laying 1 : 2 : 4 in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, compaction, curing and removal of formwork.				
		24.00	CFT		
5	Providing and laying in situ cement concrete 1 : 2 : 4 cement concrete using crush stone using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in foundation including compacting, curing, cost of formwork & its removal in basement and ground floor.		.		
		35.63	CFT		
6	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.		.		
		13.50	CFT		
7	Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness With new earth excavated from outside, lead upto 100 ft. (30m) and lift upto 5 ft. (1.5m) including royalty of Clay		.		
		41.25	SFT		

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

MAIN GATE

S.#	Description	QTY:	UNIT	Rate	Amount
8	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength:1800 Psi-2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Above 4.5" (115 mm) nominal thick brick work				
		54.00	CFT		
9	19mm (3/4") thick cement plaster 1:4 cement mortar ratio on Internal wall and coloumns in basment plinth and ground floor including making edges cornor and curing.				
		157.50	Sft		
10	Providing and fixing M.S. sheet shutters with 2" x 2" x 1/4"angle iron frame as diagonal braces, gun metal roller and pulleys, angle iron top guides fixed to T-iron bottom track fixed in cement concrete 1:2:4 with rag bolts including locking arrangement and handles as per design and instructions of the Engineer incharge.				
		159.20	SFT		
11	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)				
		318.40	Sft		
12	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10				
		157.50	Sft		
GRAND TOTAL ONE NO					

FLOOD PROJECT
GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI
RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF NEW HAND WASH

S.#	Description	QTY:	UNIT	Rate	Amount
	Excavation				
1	Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)				
		29.63	CFT		
	LEAN CONCRETE 1:4:8				
2	Providing and laying cement concrete 1:4:8 (1 cement 4 sand 8 crush) using crushed stone 19mm (3/4") and down gauge in foundation including leveling compacting and curing				
		9.88	Cft		
	BIRCK MASONRY WORK				
3	Providing and laying first class solid burnt brick masonry 1:4 cm using Brick Strength: 1800 Psi- 2000 psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing. Above 4.5" (115 mm) nominal thick brick work				
		92.40	Cft		
	STEEL REINFORCEMENT				
4	Providing and fabricating and laying Tor steel grade 60 having yield strength equal to 60000 psi reinforcement for all kind of RCC work in foundation , plinth and ground floor including the cost of straightening , removal of rust , cutting bending , binding wastage and providing such overlap as are not shown on the drawings , the cost of building wire and precast 1:2:4 cement concrete spacer block or MS chairs for binding and holding the reinforcement in position is inclusive up to 5m (14.6 ft)				
		0.06	ton		
	CEMENT CONCRETE 1:2:4				
5	Providing and laying 1:2:4 cement concrete using crush stone 19mm (3/4") and down gauge in slab up to 150mm 6" thickness including formwork and its removal compacting and curing in basement and ground floor.				
		23.75	Cft		
	PLAIN CEMENT PLASTER				
6	1/2 inch (13mm) thick cement plaster using Coarse Sand 1:4 cement mortar ratio on external walls and olumns in basement, plinth and ground floor including making edges, corners with deep cut groves and curing.				
		280.00	Sft		
	FLOORING WORKS				
7	Providing and laying 1:2:4 cement concrete 3" 75 mm) nominal thick flooring using crushed aggrgate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.				
		50.00	Cft		
	GLAZED TILES				
8	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.				
		288.75	Sft		
	PPRC PIPE				

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD
TENDER BOQ,s
CONSTRUCTION OF NEW HAND WASH

S.#	Description	QTY:	UNIT	Rate	Amount
9	Providing, laying, cutting, jointing, testing and disinfecting PPRC (3/4) 20mm dia pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connnections and jointing material				
		28.00	Rft		
	STEEL TAPS				
10	Providing and fixing chromimum plated bib cock 20mm (.75") of superior quality of approved make				
		8.00	Nos		
TOTAL CIVIL WORK					

FLOOD PROJECT

GOVERNMENT BOYS HIGH SCHOOL TAJ MOHAMMAD LEHRI

RENOVATION OF GBHS. TAJ MOHAMMAD LEHRI AT DISTRICT NASEERABAD

TENDER BOQ,s

CONSTRUCTION OF FLOOD WATER CHANNEL

S.#	Description	QTY:	UNIT	Rate	Amount
	Excavation				
1	Earthwork excavation in open cutting Ordinary soil from 10ft. to 15 ft (3 m to 4.5 m) depth for storm water channels, drains, sullage drains in open area, roads, streets lanes and shoring to protect existing works, shuttering and timbering the trenches dressed to designed level and dimension, trimming from trenches, backfilling and disposal of surplus excavated material upto 100 ft (30 m) including dressing, excluding removal of surface water from drains.				
		2881.25	Cft		
	LEAN CONCRETE 1:4:8				
2	Providing and laying 1:4:8 cement concrete using 3/4" (19mm) and down gauge crushed aggregate in base (foundation) flat or semi circular and sides of open surface drains of required thickness cast in panels not exceeding 24" (60cm) without using forms including curing but excluding the cost of reinforcement and expansion joints.				
		288.13	Cft		
	R.C.C PIPE				
3	Providing and laying 18" (450 mm) inner dia.R.C.C pipes moulded with cement concrete 1:1.5:3 with spigot socket or collar joint as specified in trenches to correct alignment and grade, jointing with jointing materials including cutting pipes where necessary, finishing and testing ASTM C-76 class II wall B or BS 3911 Part I class M including cost of reinforcement.				
		461.00	Rft		
	CONCRETE 1:2:4				
4	Providing and laying 1:2:4 cement concrete using 3/4" (19mm) and down gauge crushed aggregate in base (foundation) flat or semi circular and sides of open surface drains of required thickness cast in panels not exceeding 24" (60cm) without using forms including curing but excluding the cost of reinforcement and expansion joints.				
		1773.70	Cft		
5	Providing manhole type 'A' size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia.Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff.				
		17.00	Each		
TOTAL CIVIL WORK					