

PAKISTAN AIRPORTS AUTHORITY

(WORKS DIVISION CIVIL MAKRAN)

AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

SUMMARY BOQ

SH	Name of Work	Amount
I	Perimeter chain link Fence	
II	Anti Vehicle Ditch	
III	Patrolling Track	
IV	Sentry Post at H Taxi	
V	Accommodation for Security personals (02 Nos)	
VI	Removal of wild growth	
VII	Bomb Disposal Ditch	
VIII	QRF Shed 2 Nos. 18' X 20'	
IX	Shed at Main Gate	
	Total Rs.	

Divisional Engineer (Civil)
ES (Civil) Makran, NGIAP

Contractor

PAKISTAN AIRPORTS AUTHORITY

Engineering Services (Civil) Makran, NGIAP

AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

BOQ

SH:I Perimeter Chain Link Fence

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	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	67,167 Cft			100 Cft	
2	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing	10,708 Cft			100 Cft	
3	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.	23,484 Kg.			P.Kg	
4	Providing and laying in situ 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in foundation, basement and plinth including form work, compacting, curing and removal of form work etc. complete, foundation and basement up to 5 feet (1.52 m) depth and plinth up to 4 feet (1.2 m) height from ground level .	24,072 Cft			100 Cft	

SH:I Perimeter Chain Link Fence

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
5	Providing and laying reinforced cement concrete using crush graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in plinth beams of required shape and design including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	17,570 Cft			100 Cft	
6	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.	20,346 Sft			100 Sft	
7	Providing and fixing Galvanized Chain-link fencing 9 gauge 2" x 2" (Al Burhan Make or equivalent) including the cost of 3 Nos 6 gauge tension wires(GI), clipping with G.I Pipes 2" dia (IIL M) posts, hold fast and bracing i/c the cost of specials, clamps, welding etc. complete as per drawings and specifications as per direction of Engineer-incharge.(measurement will be made as per chain-link area, cost of excavation, concrete & reinforcement not	140,400 Sft			P.Sft	
8	Providing and fixing Mr. S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates, bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers etc. of any design in ground floor	12,720.00 Kgs			P.Kg	
9	Providing and fixing galvanized iron barbed wire fencing (with four points) to the posts of any description complete with hooks and binding wire etc- if required (cost of posts not included).	1,755.00 Kgs			P.Kg	
10	Providing and fixing G.I Razor wire 18 gauge 1'-6" dia at 6" center to center with double razor and 1/4 inch dia G.I wire bars at top and bottom etc complete as per direction of the Engineer incharge	4,809.00 Kgs.			P.Kg	

SH:I Perimeter Chain Link Fence

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
11	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 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.	61.00 Cft			100 Cft	
12	Providing and laying reinforced cement concrete using crush graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	32.00 Cft			100 Cft	
13	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in the ground floor.	100.00 Cft			100 Cft	
14	Providing and fixing steel gate of flat iron sections of approved design with or without M.S. sheet covering including hold fast, with or without rollers and track arrangement including providing wicket shutter of required size with all accessories and locking arrangement complete as per direction of the Engineer-in-Charge.	864.00 Kgs			P.Kg	
Total Rs.						

Divisional Engineer (Civil)
ES Makran

Contractor

PAKISTAN AIRPORTS AUTHORITY

Engineering Services (Civil) Makran, NGIAP

AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

BOQ

SH:II Civil Works (Excavation of Anti vehicle ditch)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	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).	417,600.00 Cft			100 Cft	
2	Excavation for foundation trenches and drains in strata of conglomeration of gravel and boulders by hammering, chiselling and jumper work including stacking of serviceable and unserviceable materials separately, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	165,000.00 Cft			100 Cft	
Total Rs.						

Divisional Engineer (Civil)
ES Makran

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PAKISTAN AIRPORTS AUTHORITY

Engineering Services (Civil) Makran, NGIAP

AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT**BOQ****SH:III Patrolling Track**

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Clearing jungle (dense) by cutting, removing all shrubs, trees, upto 6 inches (152 mm) girth, etc. and taking out their entire roots and filling the hollows with earth complete with dressing, consolidating and watering the filling including stacking the serviceable materials and disposal of useless materials as directed, lead upto 10 chains (305 Rm), cost of earth included.	90,500.00 Sft			100 Sft	
2	Dismantling stone masonry in lime or cement mortar in foundation, plinth and ground floor including stacking salvaged material (serviceable) and disposing surplus stuff as directed within three chains (91.5 m).	1,590.00 Cft			100 Cft	
3	Dismantling cement concrete block masonry work in lime or cement mortar in foundation, basement, plinth and ground floor including stacking salvaged material (serviceable) and disposing of surplus material as directed with in three chains (91.5 m).	2,140.00 Cft			100 Cft	
4	Excavation or cutting in gravelly soil to a required grade, camber and side slopes including dressing top and disposal of excavated stuff within a lift of 5 ft. (1.52 m) and lead upto 1 mile. (1.6 km) .	11,600.00 Cft			100 Cft	
5	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 18 inches (460 mm) dia. pipe..	252.00 Rft			P.Rft	

SH:III Patrolling Track

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
6	Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using graded gravel (bajri) 1inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	1,477.00 Cft			100 Cft.	
7	Providing and laying dry uncoursed rubble pitching 6" to 12" (152 mm to 305 mm) thick complete	448.00 Cft			100 Cft	
8	Flush pointing on stone work with cement mortar 1:3 (one cement and three sand) in plinth and ground floor including raking out joints.curing etc., complete .	448.00 Sft			100 Sft	
9	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	388,400.00 Sft			100 Sft	
10	Making earthen embankments with earth taken from approved borrow pits including cost of excavation, in gravelly soil, placing earth in layers not exceeding 9" (229 mm) in depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52 m) and lead upto three miles (4.8 Kms).	382,925.00 Cft			100 Cft	

SH:III Patrolling Track

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
11	Compaction of earthen embankments to full depth and width below sub-grade level by approved mechanical means in layers not exceeding 9" (229 mm) in depth at optimum moisture content including watering, mixing by mechanical means complete (the sub-grade embankment of 3 Ft. (914 mm) or less in height shall be compacted to at least 95% modified A.A.S.H.O. max. dry density or their full depth and width, embankments over 3 ft. (914 mm) in depth shall have top 3 ft. (914 mm) compacted to not less than 95% modified A.A.S.H.O. maximum dry density to their full depth and width and portion below 3 ft. (914 mm) compacted not less than 85% modified A.A.S.H.O. max. dry density to their full depth and width) .	394,525.00 Cft			100 Cft	
12	Supplying and laying machine crushed 1-1/2" to 1/2" (38 mm to 13 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with 10 miles lead and all lift complete (actual compacted depth shall be considered for payment)	156,137.00 Cft			100 Cft.	
13	Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer upto 1-1/2" (38 mm) thickness including priming coat @20 Lbs per %Sft complete.	2,702.00 Ton			P. Ton	
Total Rs.						

SH:III Patrolling Track

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		

Divisional Engineer (Civil)
ES Makran

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AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

BOQ

SH:IV Sentry Post at H Taxi

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Excavation for raft foundations, underground tanks and septic tanks (rectangular or square) in strata of conglomeration of gravel and boulders by hammering, chiselling and jumper work including stacking of serviceable and unserviceable materials separately, lead upto one chain (30.5 R.m) and lift up to 5 feet (1.52 m).	529.00 Cft			100 Cft	
2	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 leveling, compacting and curing etc.	35.00 Cft			100 Cft	
3	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in raft or strip foundation with columns and pillars, of any shape including form work and its removal, compacting, leveling and curing etc. complete but excluding the cost of reinforcement, in foundation	87.00 Cft			100 Cft	
4	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs.. per sq. inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in straight walls more than 6 inches (152 mm) thick including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	75.00 Cft			100 Cft	

SH:IV Sentry Post at H Taxi

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
5	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement,	14.00 Cft			100 Cft	
6	Providing and laying reinforced cement concrete using crushed graded boulder (bajri) 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and	16.00 Cft.			100 Cft	
7	Providing and laying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 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	64.00 Cft.			100 Cft	

SH:IV Sentry Post at H Taxi

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
8	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.	930.00 Kgs.			P.Kg	
9	1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete.	284.00 Sft.			100 Sft	
10	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 .	455.00 Sft.			100 Sft	
Total Rs.						

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AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

Accommodation for Security personals (02 Nos)

BOQ

SH V: Accommodation for Security personals (02 Nos)

SH-I	BUILDING WORKS	
SH-II	WATER SUPPLY & SAINITARY WORKS	
SH-III	E & M WORKS	
Total Rs.		

Divisional Engineer (Civil)
ES Makran

Contractor

PAKISTAN AIRPORTS AUTHORITY

Engineering Services (Civil) Makran, NGIAP

AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

BOQ

SH:i Civil Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	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	1,818.00 Cft.			100 Cft	
2	P/L 1:4:8 (1cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders 2 inches and down gauge in foundation including leveling, compacting and curing etc.	204.00 Cft.			100 Cft	
3	Providing and laying cold worked twisted ribbed steel reinforcement bars with minimum yield stress of 60,000 psi with and including the cost of straightening, cutting, bending, binding, wastage, complete in all kinds of RCC work.	14,498.00 Kg.			P.Kg	
4	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 3770 lbs. per sq inch (23.24 N/mm ²) at 28 days with a mix not leaner than 1:1:2 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	365.00 Cft.			100 Cft	
5	Providing and laying reinforced cement concrete using crush graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq inch (23.24 N/mm ²) at 28 days with a mix not leaner than 1:1:2 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	46.00 Cft.			100 Cft	

SH:i Civil Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
6	Providing and laying reinforced cement concrete using crush graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs.. per sq inch (23.24 N/mm2) at 28 days with a mix not leaner than 1:1:2 in plinth beams of required shape and design including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, tn foundation basement and plinth.	374.00 Cft.			100 Cft	
7	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq inch (23.24 N/mm2) at 28 days with a mix not leaner than 1:1:2 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement,	172.00 Cft.			100 Cft	
8	Providing and laying reinforced cement concrete using crushed graded boulder (bajri) 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq inch (23.24 N/mm2) at 28 days with a mix not leaner than 1:1:2 in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and	287.00 Cft.			100 Cft	
9	Providing and faying reinforced cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq inch (23.24 N/mm2) at 28 days with a mix not leaner than 1:1:2 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	742.00 Cft.			100 Cft	

SH:i Civil Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
10	Providing and laying 1:3:6 cement concrete solid block masonry machine made more than 6 inches (152 mm) thick using graded screened bajri 3/4 inch (19 mm) and down gauge set in cement mortar 1:5 including scaffolding, raking out joints and curing etc. complete in ground floor superstructure.	1,235.00 Cft.			100 Cft	
11	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52)	1,274.00 Cft.			100 Cft	
12	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inch (25 mm) and down gauge with leveling and ramming, watering and curing etc. complete.	714.00 Cft.			100 Cft	
13	Providing and laying floors/screening of 2 inches thick 1:2:4 cement concrete using crushed graded boulders 3/4 inch and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete.	1,282.00 Sft.			100 Sft	
14	Providing and laying light colour, glazed/non skid vitrified Porcelain tiles (Polished) not exceeding 1600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over a base of 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality as per direction of the	1,338.00 Sft			100 Sft	

SH:i Civil Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
15	Providing and fixing M.S. molded 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	101.00 Rft.			P.Rft	
16	Providing and fixing 1-1/2 inches (38 mm) thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm. thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide alround 6 inches wide lock rail and 2nd class deodar wood solid core, i/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved iron fittings but excluding the cost of handles and locking arrangement.	112.00 Sft.			P.Sft	
17	Providing and fixing with brass screws Alpha knob set lock of approved design (No. 7000) Japan make, cutting wood to required shape and size with two operating keys as per direction of the Engineer-	2.00 No.			Each	
18	Providing and fixing approved brass handles 7" (178 mm) size heavy type with necessary brass screws.	3.00 No.			Each	

SH:i Civil Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
19	Providing and fixing fully glazed Bronze anodized or powder coated aluminium Sliding windows as per British standard manufactured by Lucky, Alcop, Krudson, Pakistan cable and A.C.P. (fixing through their approved fabricators) deluxe model box section 95mm x 30mm and 1.6 mm 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	94.00 Sft			P.Sft	
20	Providing and fixing plain glass panes 6mm 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.	94.00 Sft.			P.Sft	
21	1/4" (6.4 mm) thick cement plaster 1:4 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete.	1,285.00 Sft.			100 Sft	
22	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 .	5,613.00 Sft.			100 Sft	
23	Painting with (ICI) Dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of one priming coat complete over plastered surface at any height in any floor .	4,024.00 Sft.			100 Sft	
24	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	2,496.00 Sft.			100 Sft	
25	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor .	268.00 Sft.			100 Sft	

SH:i Civil Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
26	Providing and laying 1:9 cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge In terracing 3 inches (76 mm) average thickness to required slope in panels including form work, consolidation, finishing, curing etc. and painting the surface with plastic bitumen No. 4 at the rate of 15 lbs per hundred square feet (0.73 Kg per s.m) blinded with sand at the rate of 2 cubic feet per hundred square feet (0.06 Kg per s.m) complete" on ground floor roof.	1,377.00 Sft			100 Sft	
27	Providing and laying gola 3" x 3" (76 mm x 76 mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finished with cement plaster 1:4 including curing etc. complete.	210.00 Rft.			100 Rft	
28	Providing and fixing 4" (100 mm) dia polyvinyle chloride rain water (PVC) down pipe with mild steel clamps, bolts and nuts fixed in cement concrete 1;2:4 etc. complete	48.00 Rft			P.Rft	
Total Rs.						

Divisional Engineer (Civil)
ES Makran

Contractor

PAKISTAN AIRPORTS AUTHORITY

Engineering Services (Civil) Makran, NGIAP

AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

BOQ

SH:ii SH-II WATER SUPPLY & SAINITARY WORKS (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Providing and fixing un plasticized polyvinyl chloride pipe (u.P.V.C) "E" class with specials) and clamps etc., including cutting and fitting, complete with and including the cost of breaking through walls and roof and making good etc.; after cleaning the pipe and cartage within 10 miles (16.09 km) (working pressure 12 kg/cm ²): 3/4 inch (20 mm) dia.	200 Rft			P.Rft	
2	Providing and fixing un plasticized 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) 1-1/4 inches (32 mm) dia.	600 Rft			P.Rft	
3	Providing and fixing 1/2 inches dia. (15 mm) CP bib cocks.	4 No.			Each	
4	Providing and fixing 1/2 inches (15 mm) dia CP stop cocks/Tee Stop Cock..	4 No.			Each	
5	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)	6 No.			Each	
6	3/4 inch (20 mm) dia Do..	2 No.			Each	
7	Providing and fixing standing wall shower of CP brass 3 knobs of approved quality mixer unit and moveable shower head complete..	2 No.			Each	

SH:ii SH-II WATER SUPPLY & SAINITARY WORKS (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
8	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 fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bends and length with fittings, C.I. trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4	2 No.			Each	
9	P/F 22 inches x 16 inches (560 x 406 mm) lavatory basin in white glazed earthenware (Pakistani) complete with including the cost of Brass oxidized bolts kit built into walls 1/2" (15 mm) dia. Chrome plated mixer, 1-1/4" (32 mm) rubber plug and chrome plated brass chain 1-1/4" (32mm) dia brass waste of approved pattern 1-1/4" (32 mm) dia chromium plated bottle trap with unions and making requisite, number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4 including providing and fixing best available (Pakistani make) white glazed earthenware pedestal.	2 No.			Each	
10	Providing and fixing 24 inches x 18 inches (610 mm x 457 mm) looking mirror of Imported glass 5 mm thick fixing with CP clamps and screws	2 No.			Each	
11	Providing and fixing UPVC multi 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.	4 No.			Each	
12	Providing and fixing 6" x 4" (150 mm x 100 mm) cement concrete gully trap with 4 inches (100 mm) outlet, complete with 4 inches (100 mm) thick 1:2:4 cement concrete for bed and kerb, 1/2 inch (13 mm) thick cement plaster 1:3 to the kerb, C.I. grating 6 inches x 6 inches (150 mm x 150 mm) and C.I. cover and frame 12" x 12" (305 mm x 305 mm) (inside) etc., complete..	4 No.			Each	

SH:ii SH-II WATER SUPPLY & SAINITARY WORKS (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
13	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 umber of main and branch channels but excluding the cost of excavation back filling and disposal of excavated stuff, manhole cover and frame.	4 No.			Each	
14	Providing RCC pipes and collars of class 'A' and fixing in trench including cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) and testing with water to a head of 4 feet (1.22 m) above the top of the highest pipe including cartage within 10 miles (16.09 km.) 6 inches (150 mm) dia. pipe..	160 Rft			P.Rft	
15	Providing and fixing water tank made of food grade polyethylene material 500 gallon (Supper tuff) i/c cost of specials and cartage upto site as per direction of Engineer in charge.	2 No.			Each	
16	Providing and fixing un plasticized polyvinyl chloride pipe (P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench up to 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	70 Rft			Rft	

SH:ii SH-II WATER SUPPLY & SAINITARY WORKS (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
17	Excavation for pit foundations, underground tanks, septic tanks (rectangular or square) in gravelly soil and back filling the excavated material all round the trenches 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 up to one chain (30.5 R.m) and lift upto 5 feet (1.52 m)	810 Cft			100 Cft	
18	Providing and laying 1:4:6 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including leveling, compacting and curing complete.	41 Cft			100 Cft	
19	Providing and laying 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using graded stone ballast 1 inches (25 mm) and down gauge in foundation including leveling, compacting and curing etc. complete.	72 Cft			100 Cft	
20	Providing and laying 1:3:6 cement concrete solid block (Machine made) masonry more then 6 inches (152 mm) thick using graded screened bajri 3/4 inch (19 mm) and down gauge set in cement mortar 1:4 including scaffolding, raking out joints and curing etc. complete; 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.	253 Cft			100 Cft	
21	1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	337 Sft			100 Sft	

SH:ii SH-II WATER SUPPLY & SAINITARY WORKS (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
22	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 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	68 Cft			100 Cft	
23	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	177 Kg			P.Kg	
24	Providing & laying R.C.C 1:2:4 slab cover 3" thick average (precast complete with M.S flat iron, M.S bars embedded in concrete) of any shape including the cost of reinforcement and welding etc. as per direction of Engineer Incharge.	4 Cft			P.Cft	
Total Rs.						

Divisional Engineer (Civil)
ES Makran

Contractor

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AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT

BOQ

SH:iii. SH-III E/M Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Wiring for light, fan or call bell point with 1.5 mm ² single core, PVC insulated wire copper conductor wire in 20 mm (3/4")dia uPVC conduit recessed in the wall or column, roof etc. including 1mm ² single core PVC insulated wire as ECC as required.(sch item # 2-11-01*25% enh)	30 Point			P/Point	
2	Wiring for plug point with 1.5 mm ² single core, PVC insulated wire copper conductor wire in 20 mm (3/4")dia uPVC conduit recessed in the wall or column, roof etc. including 1mm ² single core PVC insulated wire as ECC as required. (sch item # 2-11-04*25% enh)	26 Point			P/Point	
3	Wiring for sub-main with 2x 2.5 mm ² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20 mm (3/4")dia uPVC conduit recessed in the wall, column and roof etc as required. (sch item # 2-33-02*25% enh)	120 RM			P.RM	
4	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(Schneider/philips) (sch item # 2-66-01*25% enh)	24 Nos			Each	
5	Providing & fixing 10 Amps Polycarbonate flame retardant 2-Pin switch socket unit (Universal) with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(Schneider/philips). (Sch item # 2-66-04*25% enh)	14 Nos			Each	
6	Providing & fixing 13 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required..(Schneider/philips) (Sch item # 2-66-05*25% enh)	13 Nos			Each	

SH:iii. SH-III E/M Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
7	Providing & fixing 15 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required. Pak,royal,gfc,younas,millat (Sch item # 2-66-06*25% enh)	8 Nos			Each	
8	Providing & installing 140 Cm (56") sweep ceiling AC/DC 55 watt fan with blades, canopy, strandard length of down rod including connection with 14.0076" flexible wire complete and remote control as required.(M/R)	7 Nos			Each	
9	Providing & installing 30 Cm (12") sweep, Plastic body Exhaust fan complete with blades, motor, etc fixed in existing hole including connection with 14.0076" flexible wire complete as required Millat/Pak/Asia/ Younas/Climax/ Royal. (Sch item # 2-84-03*30% enh)	3 No			Each	
10	Providing & installing 45 Cm (18") sweep, mettalic body Exhaust fan complete with blades, motor, etc fitted in existing hole including connection with 14.0076" flexible wire complete as required Millat/Pak/Asia/ Younas/Climax/ Royal. (Sch item # 2-83-04*30% enh)	2 No			Each	
11	Providing & fixing 6 Amps plastic angle/Angle holder on wooden Round block/Round Cover fitted on surface including connection as required. (Sch item # 2-67-02*25% enh)	24 Nos			Each	
12	Providing and fixing of surface mounted white day light 220 volt LED 12 Watt lamp with suitable lamp base i/c making connection etc complete in all respect with all accessories as required & as approved by the Engineer In-charge (M/R).	24 Nos			Each	
13	Providing, installation, Testing & Commissioning of Flood lights (Ip66) including driver, having warm/ neutral white/ cool white colour, 90-110 lm/watt efficieny, 0.9 or above power factor ,20000-25000 hours life cycle , including connection ,complete in all respect as approved by Engineer incharge. 90-100 Watts (add 50% enh on sch item # 2-77-05(d)	10 Nos			Each	

SH:iii. SH-III E/M Works (Accommodation for Security personals)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
14	Providing & laying 4 core, 16 mm ² , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor, armoured underground, L.T cable buried in the ground dully covered with sand and warning cable tiles as per Pak. P.W.D specification as required. (Sch item # 3-2-01(b)*50%	400 Meter			P/Meter	
15	Making termination of 16 mm ² , 4 core armoured copper conductor, PVC X PVC L.T cable including providing& fixing proper lugs, tapping etc as required. (add 50% enh on sch item # 3-7-01)	4 Job			P/Job	
16	Providing & fixing 40 Amps,(High Breaking Capacity) T.P MCCB fixed on existing board, I/c inter-connection as required. (Sch item # 3-7-01*50% enh)	3 No			Each	
17	Providing & fixing cubical type metal sheet distribution board with locking arrangement as per drawing, vermin protected duly powder coated paint i/c all fastened material including wiring with suitable gauge PVC x PVC wire complete with followings as reqd. Incoming: 01 no. 32Amps,TP,MCCB (5KA/2.5KA) Outgoing: 01 no. - 15 Amps, SP, MCCB (6KA) 04 no. - 10 Amps, SP MCCB (6kA) 02 no. - 6 Amps, SP MCCB (6kA) 01 no. - analogue ammeter (for use with 5A CT) 01 no. - analogue volt-meter (scale: 0-500V) 01 set - 4 polecopper bus-bar strip (60 amps) 01 set - current transformer, 60/5A (cable/bus-bar type) 01 set - phase indication lamps (R.Y.B) 01 no. - earth link 01 no. - neutral link 01 set - danger sign	2 Set			P.Set	
Total Rs.						

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BOQ

SH:VI Civil Works (Removal of wild growth)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Clearing jungle (dense) by cutting, removing all shrubs, trees, upto 6 inches (152 mm) girth, etc. and taking out their entire roots and filling the hollows with earth complete with dressing, consolidating and watering the filling including stacking the serviceable materials and disposal of useless materials as directed, lead upto 10 chains (305 Rm), cost of earth included.	568,297 Sft			100 Sft	
Total Rs.						

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AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT BOQ

SH:VII Civil Works (Bomb Disposal Ditch)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Excavation for raft foundations, underground tanks and septic tanks (rectangular or square) in strata of conglomeration of gravel and boulders by hammering, chiselling and jumper work including stacking of serviceable and unserviceable materials separately, lead upto one chain (30.5 R.m) and lift up to 5 feet (1.52 m).	979.00 Cft			100 Cft	
2	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 leveling, compacting and curing etc. Complete.	67.00 Cft			100 Cft	
3	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq. inch (23.24 N/mm ²) at 28 days with a mix not leaner than 1:1:2 in foundation or bottom slab of rectangular underground tank including form works and its removal, leveling compacting and curing etc. complete but excluding the cost of reinforcement	77.00 Cft			100 Cft	
4	Providing and laying reinforced cement concrete using, crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq. inch (23.24 N/mm ²) at 28 days with a mix not leaner than 1:1:2 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..	351.00 Cft			100 Cft	
5	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3770 lbs. per sq. inch (23.24 N/mm ²) at 28 days with a mix not leaner than 1:1:2 in top slab of rectangular underground water tank or septic tank its removal, compacting and curing ate. complete but excluding the cost of reinforcement .	57.00 Cft			100 Cft	

SH:VII Civil Works (Bomb Disposal Ditch)

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
6	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.	1,540.00 Kgs.			P.Kg	
7	Providing and fixing window iron grills with required section of angle iron and M.S square bar as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor in wooden frame .	70.00 Kgs.			P.Kg	
Total Rs.						

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AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT BOQ

SH:VIII QRF Shed

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Providing fabrication and installation of shed of Valmex Polymer Poly Opak 800 GSM/m ² Type Blockout (imported make of approved shade / colour) fixed in aluminum PVC strips of approved design on MS frame structure consisting of main vertical MS pipe 6" dia 10 swg as per design height as per drawing and 3.5" Dia 3.18mm Rafters, Purlins and cantiliver pipe, back side support / pipe welded with base plate 1' 6" x 1' 6" x 5/8" thick and side support / stiffeners of M.S plate 1/4" thick including anchor bolts 5/8" dia 2' - 0" long in including excavation in foundation in all type soil/concrete, RCC 1:2:4 footing (24" X 24" x 36") complete as per drawing including the cost of painting two coats with Ant-Rust enamel paint of approved make and shade and two priming coats with antirust paint etc. Complete in all respect as per direction of the engineer in charge. (for measurement covered area will be measured)	720 Sft			P.Sft	
2	Levelling and dressing the ground by cutting and filling earth upto 6 inches (152 mm) in depth including consolidating and watering, complete as required.	1,600 Sft			100 Sft	
3	Providing and laying 1:4:8 cement concrete in any thickness using 2" (51 mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths, creteways laid to required gradient and camber including cost of necessary form work and its removal compacting with vibrators including curing etc. complete .	800.00 Cft			100 Cft	
4	Providing and laying floors of 3 inches (76mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19mm) and down gauge in ground floor laid in with or without panels including formwork, consolidation, finishing and curing etc. complete.	1,760.00 Sft			100Sft	
Total Rs.						

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AUGMENTATION OF SECURITY INFRASTRUCTURE AT TURBAT INTERNATIONAL AIRPORT BOQ

SH:IX Shed at Main Gate

Item No	Item of Work	Quantity	Rate (Rs.)		Unit	Amount
			In Figure	In Words		
1	Providing fabrication and installation of shed for shed .Valmex Polymer Poly Opak 800 GSM/m2 Type Blockout (imported make of approved shade / colour) fixed in aluminum PVC strips of approved design on MS frame structure consisting of main vertical MS pipe 6" dia 10 swg as per design height as per drawing and 3.5" Dia 3.18mm Rafters, Purlins and cantiliver pipe, back side support / pipe welded with base plate 1'- 6" x 1'- 6" x 5/8" thick and side support / stiffeners of M.S plate 1/4" thick including anchor bolts 5/8" dia 2' - 0" long in including excavation in foundation in all type soil/concrete, RCC 1:2:4 footing (24" X 24" x 36") complete as per drawing including the cost of painting two coats with Ant-Rust enamel paint of approved make and shade and two priming coats with antirust paint etc. Complete in all respect as per direction of the engineer in charge. (for measurement covered area will be measured)	1,050 Sft			P.Sft	
Total Rs.						

Divisional Engineer (Civil)
ES Makran

Contractor