



APPENDIX-A



APPENDIX – A

1	Earnest Money/Bid Security	Rs. 110,000 /- Rupees (Must be submitted at the office of incharge (Civil), Civil Construction Department, 2 nd Floor, Gas House 21, Kashmir Road Lahore in hard form along with Hard Copy of Tender Documents Signed & Stamped by the Contractor before Tender Submission Time otherwise the bid would be declared non-responsive). <i>Earnest money must be submitted with Technical Bid.</i>
2	Amount of Performance Bond or Guarantee	Ten Percent (10%) of the amount mentioned in the acceptance letter/work order (accepted amount) to be submitted within 15 days of issuance of work order issued by SNGPL approved Insurance Company
3	Validity of Performance Bond or Guarantee.	Till satisfactory completion of the project & issuance of completion certificate
4	Validity Period of Bid	120 days from the date of opening of Tender.
5	Time for Completion	FOUR (4) Months for whole of the project including Mobilization Period of 15 days
6	Amount of Liquidated Damages	0.2% of the accepted amount/final cost of project per day for each day of delay
7	Limit of Liquidated Damages	10% of the total accepted amount or final cost of the project
8	Period of Maintenance	Twelve (12) Months after issuance of completion certificate
9	Percentage of Retention Money	Ten percent (10%) of gross amount of each running bill.
10	Limit of Retention Money	Five percent (05%) of FPC Amount
11	Payment of Retention Money	After successful completion of maintenance period and/or satisfactory rectification of all defects/deficiencies pointed out during maintenance period
12	Time within which payment to be made after Certification	Sixty (60) working days of SNGPL Head Office.
13	Mode of Payment	The Partial payments (PPC's) shall be processed on submission of claims by the contractor on completion of any work order activity (s) as per Mode of Payment/ Payment Schedule





BILL OF QUANTITIES

REGIONAL DISTRIBUTION OFFICE I-9 ISLAMABAD

SUI NORTHERN GAS PIPELINES LIMITED (SNGPL)

DRIVERS ROOM

Bill of Quantities

General Abstract of Cost

Sr.No	Description	Amount (Rs.)
1	Bill No.1: Civil Works	
2	Bill No.2: Plumbing Works	
3	Bill No.3: Electrical Works	
4	Bill No.4: HVAC	
	Tota	
	PST 16%	
	GRAND TOTAL AMOUNT	
	GRAND TOTAL AMOUNT IN MILL	



REGIONAL DISTRIBUTION OFFICE I-9 ISLAMABAD

SUI NORTHERN GAS PIPELINES LIMITED (SNGPL)

DRIVERS ROOM

BILL OF QUANTITIES

Sr.Nr.	MRS Input Rates 2026 1st BiAnnual	Description	Unit	Qty	Unit Rate	Amount Rs.
1	2	3	4	5	6	7=6x5
		Bill Nr.1: Civil Works				
		Schedule Items				
1.1	3-21(2)	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
		2) a) By Excavator				
		ii) Ordinary soil	1000 Cft	774.680		
1.2	3-15	Filling, watering and ramming earth under floors:-				
		i) with surplus earth from foundation, etc.	1000 Cft	1,373.520		
1.3	26-43	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Extn/ Ms Hextar or equivalent @ specified suspension concrete rate (SC), Mixing Ability - HEXTAR with Ratio (1:250)= 540 5ft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect, as approved by the Engineer Incharge.	Sft	906.793		
1.4	6-37(a)(i)	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :-				
		(a) with one coat bitumen and one coat polythene sheet 500gauge				
		i) 1½" thick (40 mm)	100 Sft	69.000		
1.5	6-39(a)(i)	Providing and laying damp proof course with cement sand plaster and bitumen coating:-				
		(a) with one coat of bitumen and one coat of polythene sheet 500 gauge				
		i) Ratio 1: 4				
		b) ¾" thick (20 mm)	100 Sft	45.000		
1.6	6-5 + 1-1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
		(i) Ratio 1: 2: 4 (30Km Lead on crush)	Cft	101.00		
		(ii) Ratio 1: 4: 8 (30 Km Lead on crush)	Cft	222.00		
1.7	10-3	Supplying and filling sand under floor, or plugging in wells.	100 Cft	125.00		
1.8	10-4	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	100 Cft	55.00		



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1	2	3	4	5	6	7=6x5
1.9	7-4	Pacca brick work in foundation and plinth in:- i) Cement, sand mortar:- Ratio 1:6	100 Cft	371.000		
1.10	7-5(i)	Pacca brick work in ground floor:- i) Cement, sand mortar:- Ratio 1:5 Ground Floor First Floor Ratio 1:4 Ground Floor First Floor	Cft Cft	479.00 468.00		
1.11	6-9(a) +1-1	Cement Concrete Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc):- (a) (i) Reinforced cement concrete in roof slab, beams, columns, lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (30 Km Lead on crush) (3) Type C (nominal mix 1: 2: 4) (c) Reinforced cement concrete in Pile cap, slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a-d) above not requiring form work (i.e. horizontal shuttering) (3) Type C (nominal mix 1: 2: 4)	Cft Cft	697.15 187.00		
1.12	6-13	Providing and fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars), Deformed bars (Grade 60)	Kg	3,209.26		
1.13	11-9(c)	Cement plaster 1:4 upto 20' (6.00 m) height:- c) 3/4" (20 mm) thick	Sft	1,926.00		



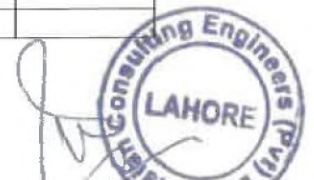
REGIONAL DISTRIBUTION OFFICE I-9 ISLAMABAD

SUI NORTHERN GAS PIPELINES LIMITED (SNGPL)

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1	2	3	4	5	6	7=6x5
1.14	11-9(b)	Cement plaster 1:4 upto 20' (6.00 m) height:- b) 1/2" (13 mm) thick	Sft	1,739.50		
1.15	11-10(b)	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	Sft	440.84		
1.16	13-31	Preparing surface and painting with emulsion paint:- a) first coat b) 2nd and each subsequent coat	Sft Sft	11,991.87 11,991.87		
1.17	13-33	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface i) 1st coat ii) 2nd coat	Sft Sft	2,533.11 2,533.11		
1.18	25-53	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.	Sft	102.00		
1.19	25-52	Providing and fixing Aluminum Fly screen comprising of Fiber/ Aluminum wire gauze (Malasian) fixed in aluminum frame of approved manufacturer/ powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	Sft	51.00		
1.20	25-57	Providing and fixing M.S. flat 1/2"x1/8" (13mm x 3mm) grill including 3/4" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects.	Sft	102.00		
1.21	12-6	P/FI 1/2" (40mm) thick semi solid panelled or panelled and glazed doors comprising of solid wood styles and rails of specified width and panels of 2.5mm thick veneer ply matching with wood used with grooves, pasted on both sides of 1" thick Lasani wood panel with tapered edges i/c the cost of tower bolt, handles complete in all				



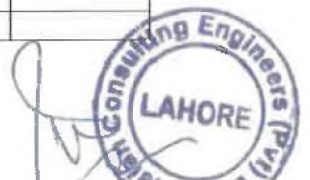
REGIONAL DISTRIBUTION OFFICE I-9 ISLAMABAD

SUI NORTHERN GAS PIPELINES LIMITED (SNGPL)

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Sr.Nr.	MRS Input Rates 2026 1st BiAnnual	Description	Unit	Qty	Unit Rate	Amount Rs.
1	2	3	4	5	6	7=6x5
		respect (Excluding the cost of chowkat frame, sliding bolt and lock)				
		as approved and directed by Engineer Incharge				
		(iii) Oak Wood	Sft	49.00		
1.22	12-17	Providing and fixing 2' wide MS/ GI Chowkat singel/ double rebate made of 16 SWG MS sheet pressed/ welded/ supported with M.S. flat 1-1/4"x1/8" i/c 6" long M.S. Flat 1"x1/8" hold fasts (6-Nos) welded/ screwed, punching of lock hole covered with MS Box, coating with anti rust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge.				
		(ii) 10.5" wide	Sft	49.00		
1.23	12-60	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hard ware complete in all respect as approved and directed by the Engineer Incharge.				
		b) Brass				
		(ii) 12" (300 mm) long	Each	2.00		
1.24	10-46	Providing and laying superb quality Porcelain glazed tiles flooring of Master/ Stile brand or approved equivalent manufacturer of specified size in approved design, Color and Shade with adhesive/ bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.				
	Deductions for Matt Finishes 17.65 P.Sft	(ii) 300 mm x 600 mm (12"x24")	Sft	86.00		
		(iii) 600mm x 600 mm (24"x24")	Sft	354.84		
1.25	10-36	Providing and laying superb quality Porcelain glazed tiles of Master/ Stile brand or approved equivalent manufacturer, skirting/ dado of specified size, Color and Shade with adhesive/ bond over 1/2" thick (1:2) cement plaster i/c the cost of matching sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.				
	Deductions for Matt Finishes 18.90 P.Sft	(ii) 300 mm x 600 mm (12"x24")	Sft	367.50		
		(iii) 600mm x 600 mm (24"x24")	Sft	211.60		
1.26	9-35	Providing and laying roof insulation, comprising of single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" (50 mm) thick earth (including mud plaster) over thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen, complete in all respects:-				
		(ii) Thermopore sheet 1" (25 mm) thick	Sft	351.75		



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1	2	3	4	5	6	7=6x5
1.27	25-63	Providing and fixing 5.00 ft dia MS spiral stair comprising of triangular steps made of 1-1/4"x1-1/4"x3/16" duly welded with 3/8"MS squar bars steps, supported/welded with main vertical post of 4" dia GI pipe (Medium Quality) embeded in PCC in ground i/c the cost of pipe railing comprising of 2" dia MS pipe of 16 SWG supported with 2 no 5/8" squar bars in each step, i/c fixing & painting complete in all respects as approved and directed by the Engineer Incharge(Measurement will be made above ground level).	Rft	12.00		
		Sub-Total				
		Non-Schedule Items				
1.28	N.S	Providing and fixing imported uPVC door, 104mm thick with matching frame 60mm thick, Sound Proof, Water Proof, Fire Proof complete in all respects including door lock as per instructions of the Engineer in charge	Sft	30.00		
		Sub Total				
		Total for Schedule Items				
		Total for Non-Schedule Items				
		Total for Bill Nr.1 (Carried over to Summary of Price)				

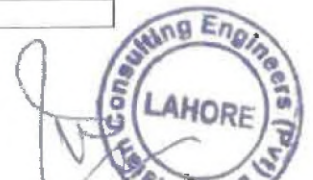


REGIONAL DISTRIBUTION OFFICE I-9 ISLAMABAD
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DRIVERS ROOM

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Sr.Nr.	MRS Input Rates 2026 1st BiAnnual	Description	Unit	Qty	Unit Rate	Amount Rs.
1	2	3	4	5	6	7=6x5
		Bill No:2 Plumbing Works				
		Schedule Items				
2.1	19-16	Providing and fixing, chromium plated soap dish.	Each	2.00		
2.1	19-18	Providing and fixing, chromium plated toilet paper holder.	Each	4.00		
2.2	19-19	Providing and fixing, chromium plated towel rail- i) 60 cm (24") long, and 2 cm (3/4") dia.	Each	2.00		
2.3	19-20	Providing and fixing looking glass 55x40 cm (22"x16") size, and 5 mm thick, first quality.	Each	2.00		
2.4	19-3	Providing and fitting one piece European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) or approved equivalent manufacturer i/c the cost of CP/rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	Each	2.00		
2.5	19-7	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.				
	v)	Under Counter Vanity Basin	Each	2.00		
2.6	19-30	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	Each	2.00		
2.7	19-52	Providing and fixing CP bath Room Set made of Sonex/ Master/ Faisal or approved equivalent manufacturer, comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge.				
		(i) 3 No Tee Stop Cock (set)	Each	6.00		
		(ii) Double Bib Cock	Each	2.00		
		(v) Muslim shower	Each	2.00		
		(vii) Bottle Trap	Each	2.00		
2.8	19-49	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of Dadex / Popular/ Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge.				
		c) Vent Cowel				
		(iii) 2" dia	Each	3.00		
		d) Clean Out				
		(i) 4" dia	Each	2.00		
		(ii) 3" dia	Each	2.00		



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DRIVERS ROOM

BILL OF QUANTITIES

Sr.Nr.	MRS Input Rates 2026 1st BiAnnual	Description	Unit	Qty	Unit Rate	Amount Rs.
1	2	3	4	5	6	7=6x5
		PIPING & VALVES				
2.9	23-33	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex / Popular/ Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/ External Diameters mentioned).				
		b) PN-20 pipe				
		ii) 25 mm	Rft	125.00		
		iii) 32 mm	Rft	35.00		
		v) 50 mm	Rft	65.00		
2.10	23-42	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut/ bolt and gasket where required complete in all respect as approved and directed by the Engineer Incharge.				
		(a) Brass Threaded Valves				
		(iii) 1" dia	Each	6.00		
		(iv) 1-1/4" dia	Each	3.00		
		v) 2" Dia	Each	2.00		
2.11	23-45	Supply & installation of heavy duty Brass PN-16 air Vents of specified size provided at the highest points (Pipe Risers) to expel air as approved and directed by the Engineer Incharge				
		(a) Automatic				
		(iii) 1" Dia	Each	4.00		
2.12	23-27	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects:-				
		a) 2" i/d (50 mm)	Rft	65.00		
		b) 3" i/d (75 mm)	Rft	35.00		
		c) 4" i/d (100 mm)	Rft	75.00		
2.13	19-34	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:-				
		(ii) 10x7.5 cm (4"x3")	Each	2.00		
		Replacement items				
2.14	19-9	Supply and fixing of Soap Dispensor including all other cost of required fittings & required accessories complete in all respect as approved & directed by the Engineer incharge.				
		ii) Stainless steel	Each	2.00		
2.15	19-8	Providing and fixing brass ball float valve:-				



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1	2	3	4	5	6	7=6x5
		vi) 5 cm (2") dia	Each	2.00		
2.16	19-55	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.				
		(i) 15 Gal capacity	Each	2.00		
2.17	19-36	Providing and fitting 10 cm (4") gully trap, including cement concrete, cost of PVC grating 15x15 cm (6"x6") and masonry chamber 30x30 cm (12"x12").	Each	1.00		
2.18	19-51	Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethylene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge	Per Gallon	500.00		
		Sub-Total				
		Total for Schedule Items				
		Total for Bill Nr.2 (Carried over to Summary of Price)				



REGIONAL DISTRIBUTION OFFICE I-9 ISLAMABAD
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Sr.Nr.	MRS Input Rates 2026 1st Bi Annual	Description	Unit	Qty	Unit Rate	Amount Rs.
1	2	3	4	5	6	7=5x6
		Bill Nr.3: Electrical Works				
		Schedule Items:				
3.1	24-3	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jhamries, and repairing surface, etc., complete with all specials				
	(a)	Recessed in walls i/c making jhamries				
	(ii)	25 mm i/d) for Point Wiring	Rft	258		
	(iii)	25 mm i/d) for Circuit Wiring	Rft	161		
	(iii)	25 mm i/d) for Power Wiring	Rft	43		
1.3	24-06	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaidd PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/ trenches, etc.				
	(i)	1.5 mm2 (3/0.029") For Point wiring (P+N+E)	Rft	774		
	(iii)	2.5 mm2 (7/0.029") For Circuit wiring (P+N+E)	Rft	483		
	(iv)	4 mm2 (7/0.036") For Power Wiring (P+N+E)	Rft	129		
3.3	24-102	Providing and fixing Copper Winded Exhaust Fan with louver and shutter made of Pak/Younas/G.F.C. or NEECA approved equivalent manufacturer i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.				
	(a)	Plastic Body				
	(ii)	12" dia	Each	2		
3.4	24-104	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.				
	(iii)	56" dia	Each	2		
3.5	24-105	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches /sockets /diurner made of Hi-Life /Bush /Schenider or approved equivilent manufacturer, screws complete as approved and directedby the Engineer Incharge				
	(a)	One way Gange Switch (Small)				
	(i)	01 Gang	Each	2		
	(iii)	Three pin Light Plug 10/13 Amp	Each	2		



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BILL OF QUANTITIES

Sr.Nr.	MRS Input Rates 2026 1st BiAnnual	Description	Unit	Qty	Unit Rate	Amount Rs.
1	2	3	4	5	6	7=5x6
	(v)	Fan Dimmer	Each	2		
	(vii)	Three Pin Power Plug 15-32 Amp	Each	2		
	(b)	One way Gange Switch (Large)				
	(i)	04 Gang	Each	5		
3.6	24-109	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge.				
	(i)	Small	Each	6		
	(ii)	Large	Each	5		
		Sub-Total Schedule Items				
		Non-Schedule Items:				
3.7	NS	Light Fixtures:				
		Supply, installation, testing & commissioning of following various types of LED lights:				
	(i)	Ceiling mounted 18 Watt LED Light	Each	8		
	(ii)	Ceiling mounted 12 Watt LED Light	Each	3		
	(iii)	Watertight Bulkhead Light 18 Watt	Each	8		
	(iv)	Mirror Light 20 Watt	Each	8		
		Sub-Total Non-Schedule Items				
		Total for Schedule Items				
		Total for Non-Schedule Items				
		Total for Bill Nr.3 (Carried over to Summary of Price)				



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1	2	3	4	5	6	7=6x5
		Bill Nr.5: HVAC				
		Non Schedule Items				
		Wall mounted decorative Type Indoor Unit				
5.1	N.S	Providing & fixing of Split Type Air Conditioning Units with wall mounted decorative Type Indoor Unit, as Specified & Scheduled including Approved Brands Daikin, Mitsubishi Acson Acson				
	i	1.0 Ton	Nos.	2.00		
		Sub-Total				
		Total for Non-Schedule Items				
		Total for Bill Nr.5 (Carried over to Summary of Price)				



DRAWINGS

Drawings for the Subject project attached as a Separate Binder.



SNGPL ISLAMABAD

DRIVER ROOM ISLAMABAD
APRIL, 2026

Architecture

Sr. Nr.	Description	Drg.Nr.
	Civil Works	
1	LOCATION PLAN	SNGPL-ISL-DR-C-01
2	GROUND & FIRST FLOOR WORKING LAYOUT	SNGPL-ISL-DR-C-02
3	ELEVATIONS A-A,B-B,C-C & D-D	SNGPL-ISL-DR-C-03
4	SECTION A-A	SNGPL-ISL-DR-C-04
5	DOOR & WINDOW SCHEDULE	SNGPL-ISL-DR-C-05
6	FLOORING LAYOUT	SNGPL-ISL-DR-C-06
7	FALSE CEILING LAYOUT	SNGPL-ISL-DR-C-07
8	WARDROBE DETAILS	SNGPL-ISL-DR-C-08
	Structure Works	
8	Foundation Layout Plan & Sectional Details	SNGPL-ISL-DR-S-01
9	Ground & Roof Slab Reinforcement Plan	SNGPL-ISL-DR-S-02
	Electrical Works	
10	Electrical Layout Plan-Ground & First Floor	SNGPL-ISL-DR-E-01
	M&P	
11	Legend And Notes Plumbing	SNGPL-ISL-DR-PL-01
12	Ground Floor Drainage System Layout	SNGPL-ISL-DR-PL-02
13	First Floor Drainage System Layout	SNGPL-ISL-DR-PL-03
14	Legend and Notes (HVAC)	SNGPL-ISL-DR-AC-01
15	Ground Floor HVAC System Layout	SNGPL-ISL-DR-AC-02

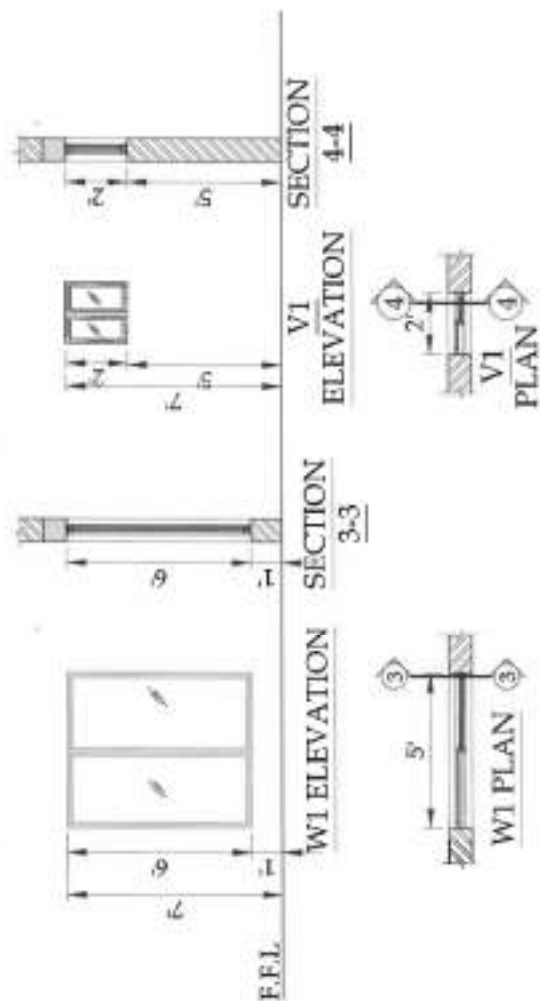
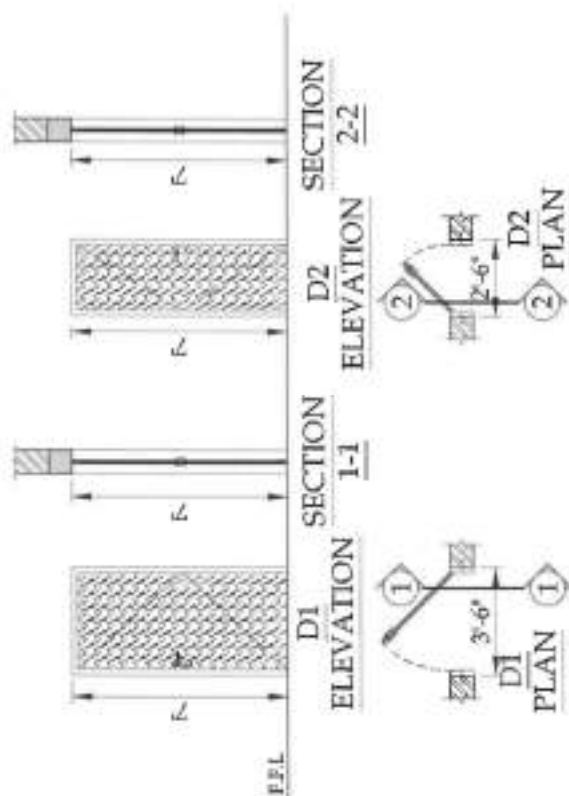


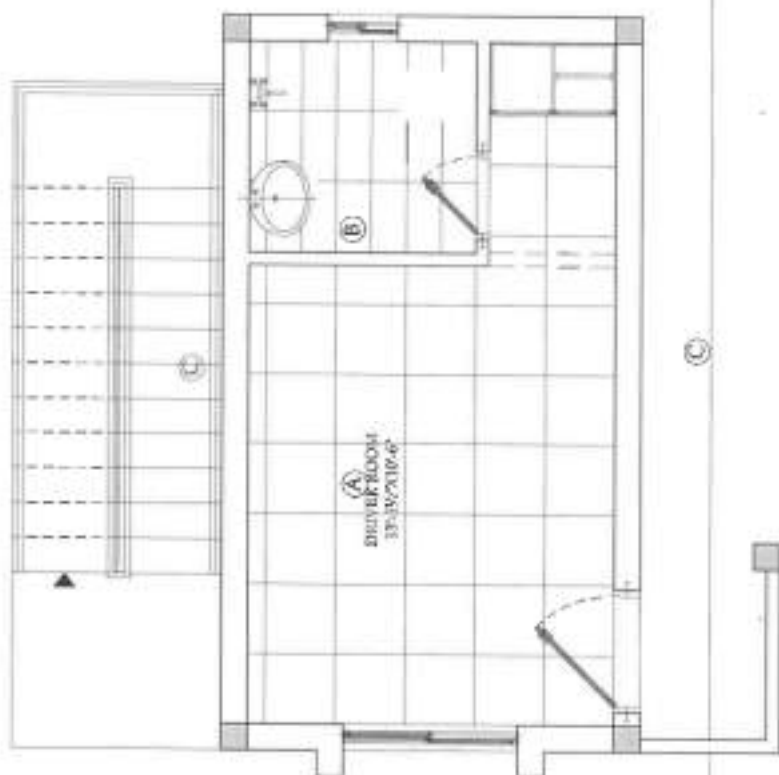
DOORS SCHEDULE

Sr No.	TYPE	SIZE	SILL QTY.	DESCRIPTION
1	D1	3'-6"x7'-0"	0.48	WOODEN DOOR
2	D2	2'-6"x7'-0"	0.48	WOODEN DOOR

WINDOWS SCHEDULE

3.	W1	1'-0" x 5'-0"	1'-0"	02	1.6 mm TH, ALUMINUM SINGLE GLAZED WITH SEAM TH GLASS FIXED WINDOW
4	V1	2'-0" x 2'-0"	5'-0"	02	1.6 mm TH, ALUMINUM SINGLE GLAZED WITH SEAM TH GLASS FIXED WINDOW

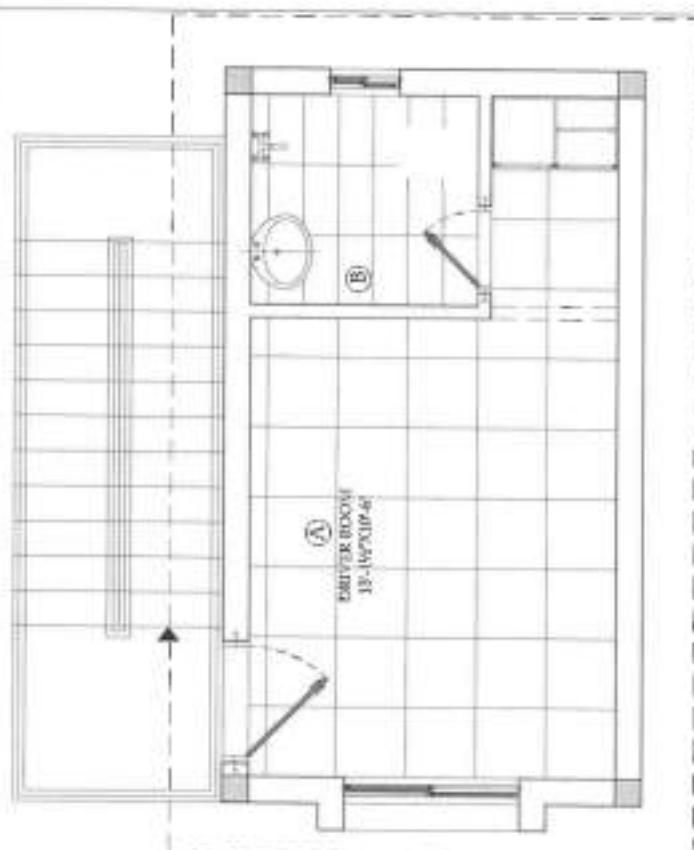




GROUND FLOOR PLAN

FLOORING: LA VERT
SCALE: 3/8" = 1'-0"

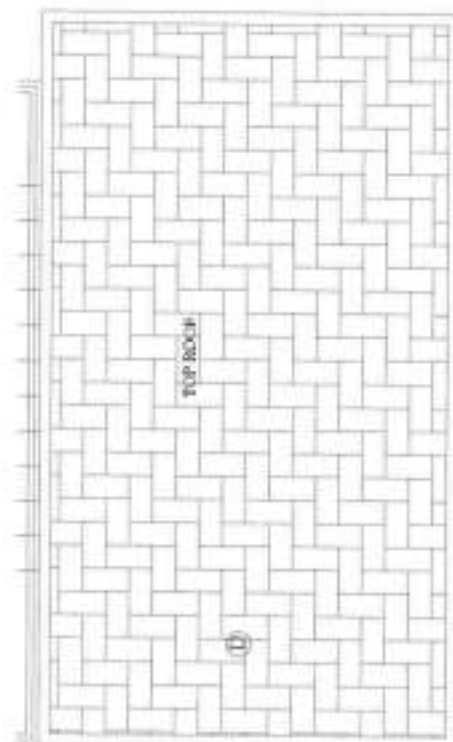
SCALE: 3/8" = 1'-0"



FIRST FLOOR PLAN

FLOORING LAYOUT
9'7" ALB. 3/4" = 1' 0"

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[illegible]

ROOF PLAN

$$\text{Sec AIB} = 3.18^{\circ} = 17.2^{\circ}$$

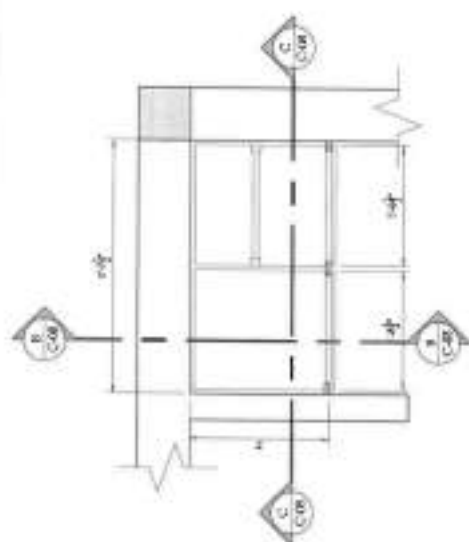
LEGEND:

A=24"X24" MATT FINISH PORCELAIN TILE

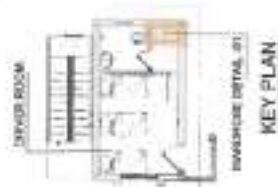
B=24"X12" MATT FINISH PORCELAIN TILE

C = 4mm EPOXY PAINT

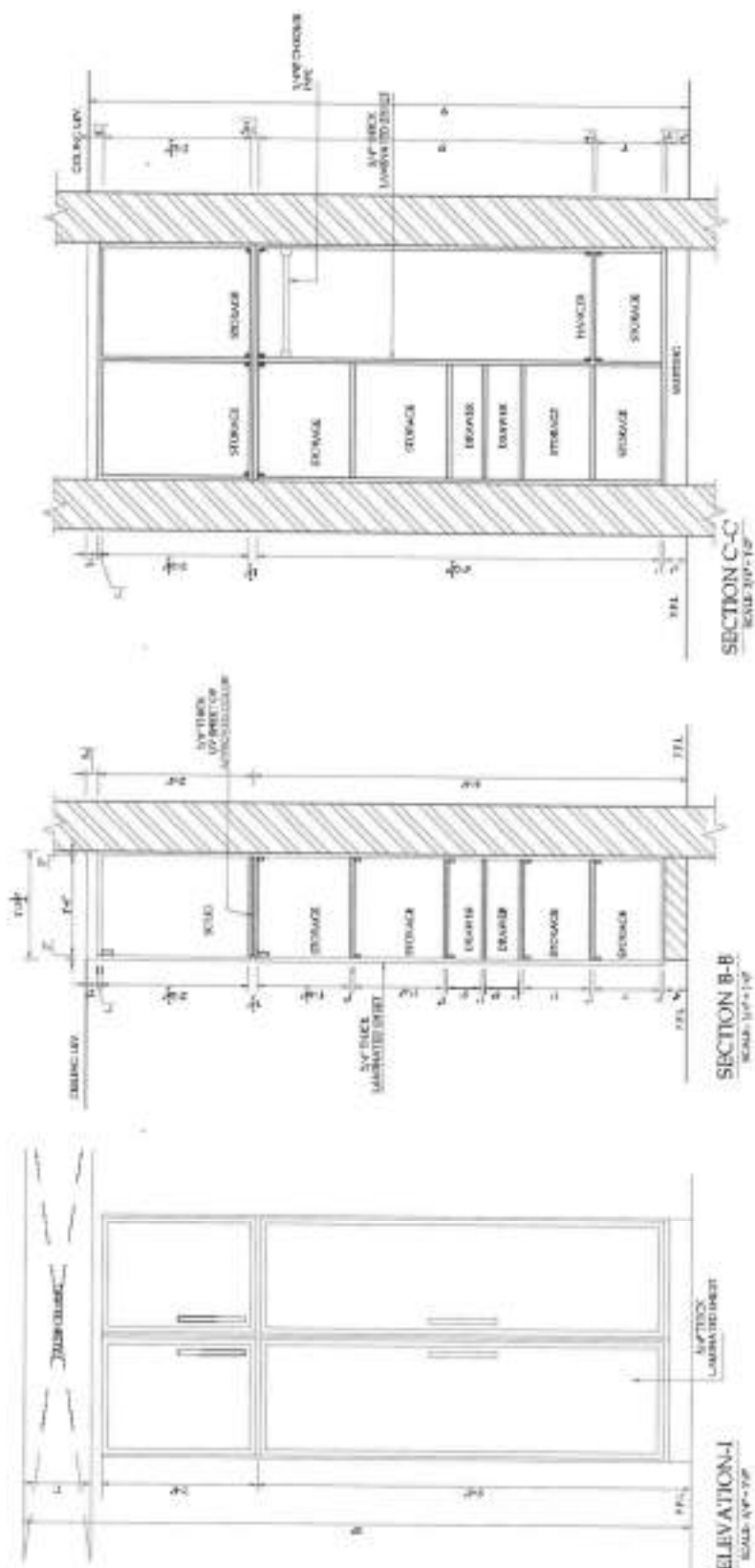
D = ROOF TILE



WARDROBE PLAN - J
GROUND & FIRST FLOOR



KEY PLAN



SCOPE FIRE		GROUND & RISE / FLOOR FIRE DECKING UNIT	
NO.	DATE	NO.	DATE
1	10/10/2010	2	10/10/2010
3	10/10/2010	4	10/10/2010
5	10/10/2010	6	10/10/2010
7	10/10/2010	8	10/10/2010
9	10/10/2010	10	10/10/2010
11	10/10/2010	12	10/10/2010
13	10/10/2010	14	10/10/2010
15	10/10/2010	16	10/10/2010
17	10/10/2010	18	10/10/2010
19	10/10/2010	20	10/10/2010
21	10/10/2010	22	10/10/2010
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91	10/10/2010	92	10/10/2010
93	10/10/2010	94	10/10/2010
95	10/10/2010	96	10/10/2010
97	10/10/2010	98	10/10/2010
99	10/10/2010	100	10/10/2010

Structure

DEVELOPMENT LENGTH (IN INCHES) OF STANDARD HOOKS FOR UNCOATED GRADE 60 BARS*

BAR NO.	PC NORMAL WEIGHT CONCRETE, PSI	3000	4000	5000
3	8.2	7.1	6.4	5.8
6	11.9	10.5	9.5	8.5
5	13.7	12.1	10.9	9.8
6	16.4	14.5	13.2	12.0
7	20.2	18.0	16.5	15.0
8	21.9	19.5	17.9	16.2
9	24.7	21.4	19.5	17.6
10	27.6	24.3	22.1	19.8
11	30.5	26.8	24.2	21.6
14	37.3	33.1	29.7	26.7
18	49.5	42.9	38.3	34.3

EQUIVALENT DIAMETERS OF BUNDLED BARS, IN

BAR NO.	MATHEMATICAL EQUIVALENT DIAMETER	1 BAR	2 BARS	3 BARS	4 BARS
3	0.79	1.00	1.10	1.20	1.30
7	0.89	1.14	1.25	1.35	1.45
8	0.98	1.22	1.33	1.43	1.53
9	1.07	1.30	1.41	1.51	1.61
10	1.16	1.39	1.50	1.60	1.70
11	1.25	1.48	1.59	1.69	1.79
14	1.44	1.68	1.80	1.90	2.00
18	1.80	2.10	2.25	2.40	2.55

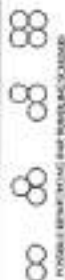


FIGURE 1. BUNDLED BARS FOR DEVELOPMENT LENGTH

SCHEDULE OF LIFTED BEAMS

BEAM NO.	SECTION	WIDTH	HEIGHT	SPACING	REINFORCEMENT
1	12" x 16"	12"	16"	18"	4#4
2	12" x 16"	12"	16"	18"	4#4
3	12" x 16"	12"	16"	18"	4#4
4	12" x 16"	12"	16"	18"	4#4
5	12" x 16"	12"	16"	18"	4#4
6	12" x 16"	12"	16"	18"	4#4
7	12" x 16"	12"	16"	18"	4#4
8	12" x 16"	12"	16"	18"	4#4
9	12" x 16"	12"	16"	18"	4#4
10	12" x 16"	12"	16"	18"	4#4

NOTE: REINFORCEMENT TO BE PLACED AS SHOWN IN DETAILS.



(TYP.) R.C.C. COLUMN & BRICK WALL, 9" THICK CONNECTION DETAIL



(TYP.) R.C.C. COLUMN & BRICK WALL, 4" THICK CONNECTION DETAIL

DEVELOPMENT LENGTH IN TENSION (IN INCHES) OF TOP BARS

BAR SIZE	40	45	50	55	60	65	70	75	80	85	90	95	100
DEVELOPMENT LENGTH (IN)	12	14	16	18	20	22	24	26	28	30	32	34	36

DEVELOPMENT LENGTH IN COMPRESSION

BAR SIZE	40	45	50	55	60	65	70	75	80	85	90	95	100
DEVELOPMENT LENGTH (IN)	12	14	16	18	20	22	24	26	28	30	32	34	36

DEVELOPMENT LENGTH IN TENSION (IN INCHES) OF TOP BARS

BAR SIZE	40	45	50	55	60	65	70	75	80	85	90	95	100
DEVELOPMENT LENGTH (IN)	12	14	16	18	20	22	24	26	28	30	32	34	36

(b) BOTTOM BARS

BAR SIZE	40	45	50	55	60	65	70	75	80	85	90	95	100
DEVELOPMENT LENGTH (IN)	12	14	16	18	20	22	24	26	28	30	32	34	36

SPLICE LENGTH IN COMPRESSION

BAR SIZE	40	45	50	55	60	65	70	75	80	85	90	95	100
SPLICE LENGTH (IN)	12	14	16	18	20	22	24	26	28	30	32	34	36

(b) BOTTOM BARS

BAR SIZE	40	45	50	55	60	65	70	75	80	85	90	95	100
SPLICE LENGTH (IN)	12	14	16	18	20	22	24	26	28	30	32	34	36

STANDARD HOOKS FOR STIRRUPS AND TIE REINFORCEMENT

BAR SIZE	MIN. HOOK LENGTH	MIN. HOOK ANGLE
4#4	12"	90°
5#5	14"	90°
6#6	16"	90°
7#7	18"	90°
8#8	20"	90°
9#9	22"	90°
10#10	24"	90°
11#11	26"	90°
12#12	28"	90°
14#14	32"	90°
16#16	36"	90°
18#18	40"	90°
20#20	44"	90°

STANDARD HOOKS FOR PRIMARY REINFORCEMENT

BAR SIZE	MIN. HOOK LENGTH	MIN. HOOK ANGLE
4#4	12"	90°
5#5	14"	90°
6#6	16"	90°
7#7	18"	90°
8#8	20"	90°
9#9	22"	90°
10#10	24"	90°
11#11	26"	90°
12#12	28"	90°
14#14	32"	90°
16#16	36"	90°
18#18	40"	90°
20#20	44"	90°

HOOPTIE SPACING

BAR SIZE	MIN. HOOK LENGTH	MIN. HOOK ANGLE
4#4	12"	90°
5#5	14"	90°
6#6	16"	90°
7#7	18"	90°
8#8	20"	90°
9#9	22"	90°
10#10	24"	90°
11#11	26"	90°
12#12	28"	90°
14#14	32"	90°
16#16	36"	90°
18#18	40"	90°
20#20	44"	90°

TYPICAL HOOP DETAIL



NOTE: MINIMUM HOOK LENGTH 12 INCHES AND 90 DEGREE ANGLE.

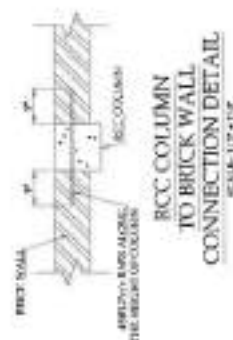
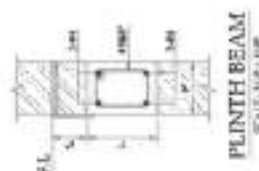
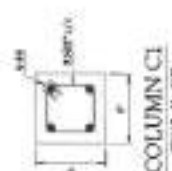
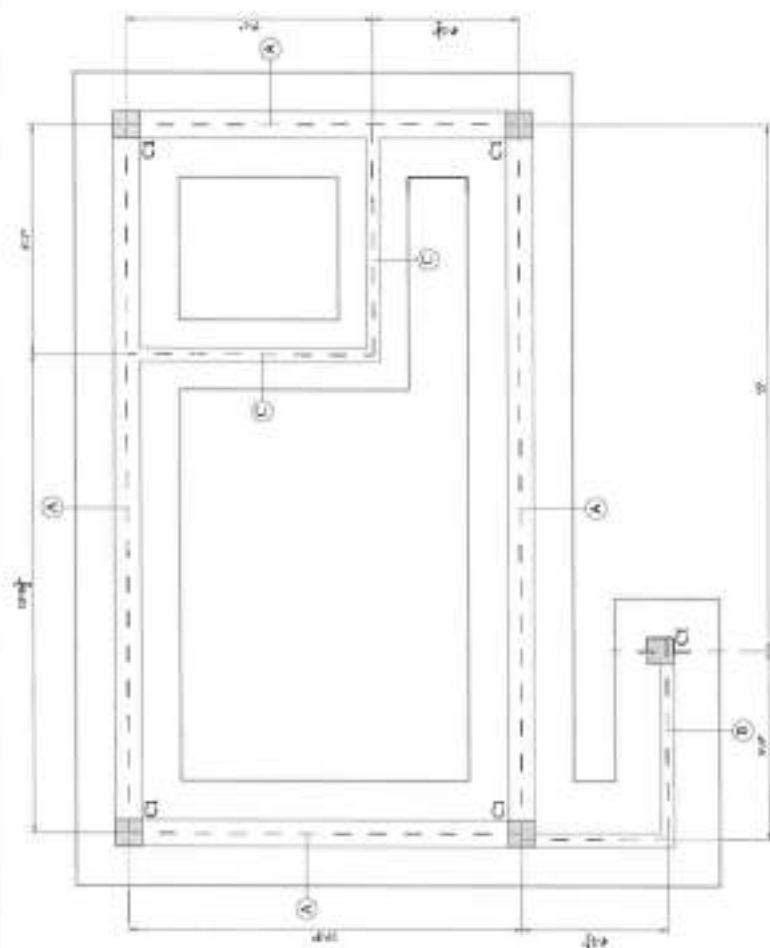
TYPICAL DETAIL OF VERTICAL CONSTRUCTION JOINTS IN RAFT

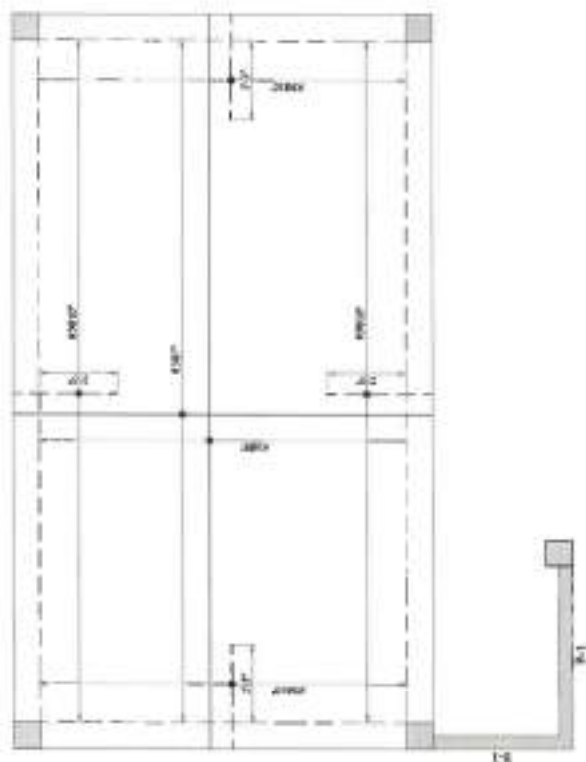


NOTE: MINIMUM HOOK LENGTH 12 INCHES AND 90 DEGREE ANGLE.

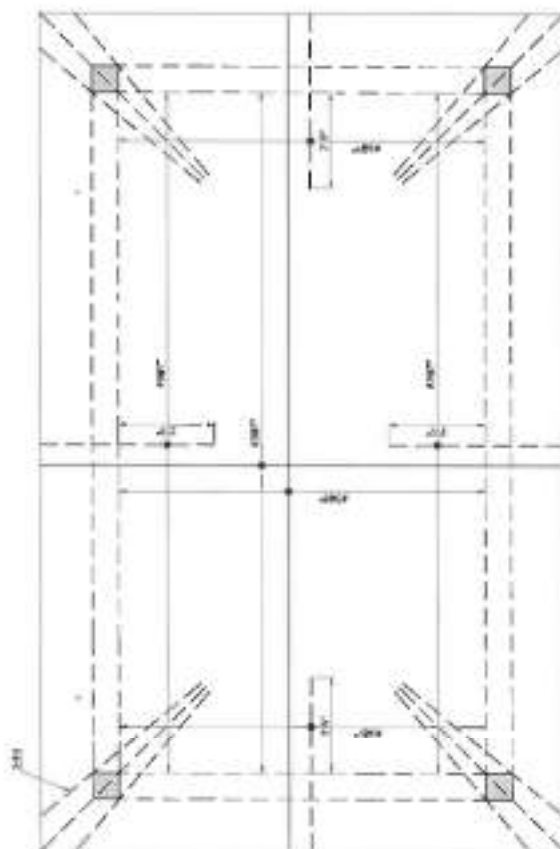
GRATING ANGLE SUPPORT



[illegible]



GROUND FLOOR SLAB REINFORCEMENT PLAN
SCALE: 1/8" = 1'-0"



ROOF SLAB REINFORCEMENT PLAN
SCALE: 1/8" = 1'-0"

NOTE:

1. THICKNESS OF ALL SLABS IS 6" UNLESS OTHERWISE NOTED.
2. DISTRIBUTION TOP BARS #3@12" O.C.



BEAM B-1
SCALE: 1/4" = 1'-0"

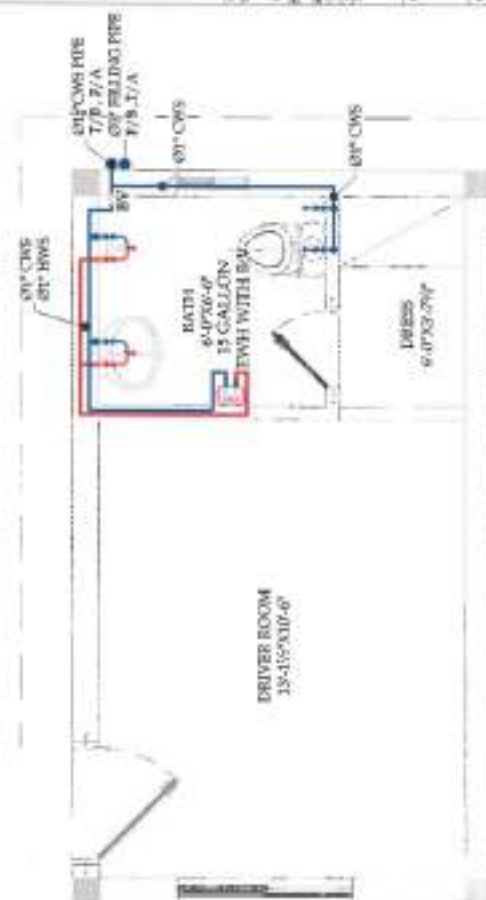
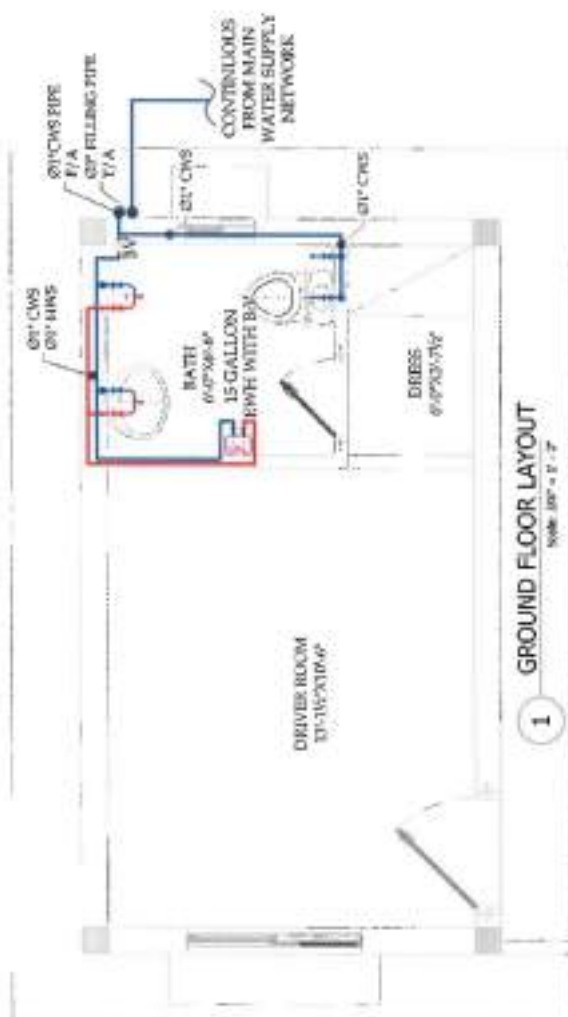
PROJECT GROUND & ROOF SLAB REINFORCEMENT PLANS	
DATE 10/10/2018	SCALE 1/8" = 1'-0"
DESIGNED BY J. L. LAMARCA	CHECKED BY J. L. LAMARCA
APPROVED BY J. L. LAMARCA	DATE 10/10/2018
PROJECT REINFORCEMENT DISTRIBUTION OFFICE: 1415 AMARCA	
CLIENT J. L. LAMARCA	
LOGO 	
NOTES 1. THICKNESS OF ALL SLABS IS 6" UNLESS OTHERWISE NOTED. 2. DISTRIBUTION TOP BARS #3@12" O.C.	

Electrical

Plumbing



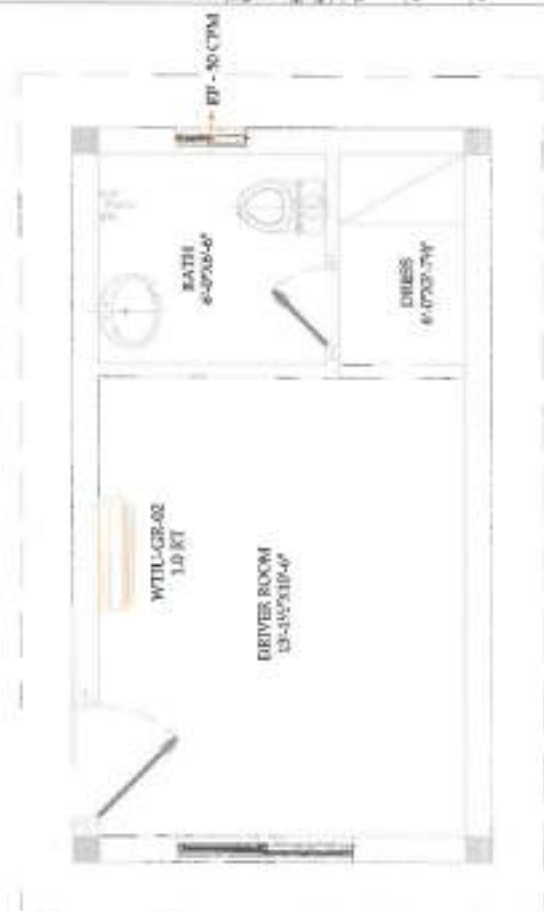
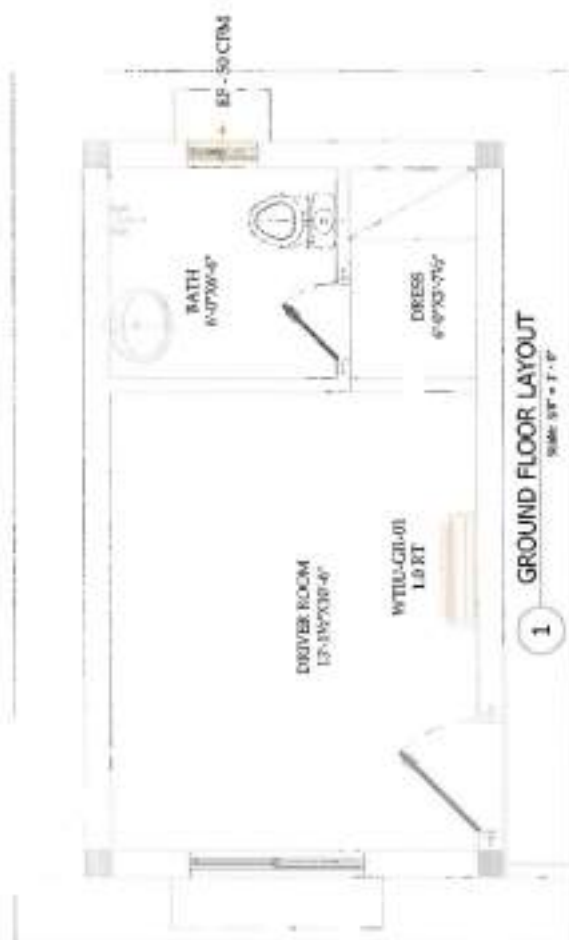
KEY PLAN



PROJECT		GROUND FIRST & ROOF FLOOR WATER SUPPLY SYSTEM LAYOUT	
NO. 101	DATE	NO. 102	DATE
NO. 103	DATE	NO. 104	DATE
NO. 105	DATE	NO. 106	DATE
NO. 107	DATE	NO. 108	DATE
NO. 109	DATE	NO. 110	DATE
DESIGNED BY		CHECKED BY	
DRAWN BY		APPROVED BY	
REGIONAL DISTRIBUTION OFFICE 14101 AMMAN			
ADD: JORDANIAN GENERAL CONTRACTING 14101 AMMAN, JORDAN TEL: 06-4611111 FAX: 06-4611111 E-MAIL: jgc@jgc.com.jo			



KEY PLAN



PROJECT			
NO.	DATE	BY	CHK
1	10/10/2018	J. J. J.	J. J. J.
2	10/10/2018	J. J. J.	J. J. J.
3	10/10/2018	J. J. J.	J. J. J.
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99	10/10/2018	J. J. J.	J. J. J.
100	10/10/2018	J. J. J.	J. J. J.



REGIONAL DISTRIBUTION
OFFICE 14 ELAMANO

2 FIRST FLOOR LAYOUT
Scale: 3/8" = 1' - 0"

3 ROOF FLOOR LAYOUT
Scale: 3/8" = 1' - 0"

GENERAL TERMS & CONDITIONS



GENERAL TERMS & CONDITIONS

1. SITE CONDITIONS, CLEARING AND GRUBBINIG

The tenderers shall fully acquaint themselves with the site, site conditions, affecting in any way the cost of tender etc., before tendering. The work is to be completed in all respects, fully functional. The work also includes all necessary arrangements required to be made at site according to site requirements.

2. TENDER PREPARATION AND SUBMISSION

The tenders shall be prepared at tenderer's own cost and shall be submitted on prescribed form of tender in sealed envelopes on which only the name of work should be clearly written in capital letters while name of tenderer should not be written. All entries should be made in ink in both words and figures. All pages of the tender documents must be signed and stamped by the tenderer. The preparation of tender documents and any correspondence in connection with the tender documents should be in the English language. The tender should be delivered in person or by mail to the following address:

INCHARGE (CIVIL)
2ND FLOOR, S.N.G.P.L. HEAD OFFICE,
21-KASHMIR ROAD, LAHORE

so as to reach on or before the time and date given in Tender Invitation Notice/Letter, at which time and place, they will be opened. Tenderers are invited to be present at the opening of the tenders. Only the tenderer's name and total tendered prices will be announced. The tender documents thus once submitted shall become property of the Company and shall not be returned whatsoever.

3. CLARIFICATIONS, INTERPRETATIONS

The tenderer shall study the drawings and specifications carefully. Any information, clarifications, interpretations sought by the intending tenderers must be referred in writing to company as per date mention on website. SNGPL will issue necessary instructions in writing to all tenderers simultaneously, which will become part of the contract. The tenderers shall sign copies of all such addenda and submit them together with the tender documents and drawings. Verbal discussions shall not to be considered binding. No extension in the closing date shall be demanded on account of any such clarification and/or interpretation having received late. If no clarification is obtained within the prescribed time and later on any discrepancy (e.g., mismatch between any tender documents etc.,) is noticed, then the decision of the Company shall be final and binding.

**4. MODIFICATIONS**

Modifications in the tender documents, if required by the Company, will be made by issuing addenda to the Tender Documents. Intimation of such modifications will be sent to each tenderer, minimum four days prior to the date of submission of tenders. No amendment or modification of the contract shall be made except in writing and signed by the Company.

5. CONDITIONAL TENDER

Conditional tender will not be accepted.

6. RATES

The Contractors shall quote the rate on lump sum cost basis (if not given otherwise) in the bid sheet attached to construct, complete and maintain the works included in the bid sheet, to the fully functional/operational conditions covering and including all the civil works, public health and sanitation work, electrical works, laying conduit pipe for telephone lines, external works and all other services whether or not shown in the drawings or given in the specific specifications. For this purpose, Contractors shall calculate and evaluate the quantities and quantum of works themselves and no claim of Contractors whatsoever shall be entertained by the Company for any mis-calculation of tender by the Contractors. The rates quoted by the Contractors shall be for complete finished work and shall be comprehensive and complete in all respects including cost of all materials, labour, tools and plants, carriage, taxes, profits, incidental charges etc.

7. RATE ANALYSIS

The Contractors should provide rate analysis of each item (if required).

8. RIGHT OF REJECTING TENDER

The Company shall have the right of rejecting any or all of the tenders. The Company is not bound to award the contract to the lowest tenderer.

9. EARNEST MONEY

A Demand Draft, Pay Order, Deposit-at-Call or Deposit Receipt issued from any scheduled bank of Pakistan (preferably at Lahore), equal to Rs. 55,776/- amount of work in favour of Sul Northern Gas Pipelines Limited, Lahore shall be submitted before tender opening date as earnest money on the addressed mentioned at Appendix-A. Tenders without Earnest Money will not be entertained. Cheques and cash will not be accepted. The earnest money of unsuccessful tenderers shall be returned

- a. After execution of contract agreement with the successful tenderer
or



- b. If all the tenderers are rejected, after such rejection or
- c. Within sixty days of opening of tender

The earnest money of the successful tenderer shall be returned after submission of Performance Bond. If the tenderer to whom the contract is awarded refuses or neglects to execute the agreement than the earnest money will be forfeited and contract may be rescinded. If the construction site is not cleared and handed over to the Contractors by the company within 60 days of issuance of work order, the earnest money will be returned to the Contractors by the company.

10. VALIDITY OF BID

The bid shall remain valid and may remain open and binding for a period of 120 days from the date of opening of tender or until the work order issued to the successful tender.

11. PERFORMANCE BOND OR GUARANTEE

The Contractors will have to submit, at his own expense, Performance Bond as per detail given in Appendix-A. Terms of the bond shall be as per sample provided by the Company.

12. STANDARD OF WORK

The work shall be done to the entire satisfaction of the Company. The Company is the sole judge to approve the standard of work and if any defects are observed up to completion of maintenance period, the Contractors shall make good all such defects at his own risk and cost including materials. If the Contractors fails to do any such work, as aforesaid required by the Company, the Company can get the same work done through any other means and all expenses consequent thereon or incidental thereto shall be recoverable from the Contractors by the Company or may be deducted by the Company from any money due or which may become due to the Contractors.

13. HSE POLICY

SNGPL is committed to the health and safety of its employees, preservation of environment and continual improvement of HSE performance by reducing potential hazards, preventing pollution and adhering to applicable laws and regulations in all its activities related to its Contractors. Following should be ensured by the Contractors.

- 1. Usage of Personal Protective Equipment.

The use of personal Protective equipment is to reduce employee's exposure to hazard when engineering and administrative controls are not feasible or effective to reduce the risks to acceptable levels. Personal Protective Equipment is last line of defence.

- 2. Wearing of closed shoes.



3. Not wearing loose clothes.
4. Not to use defective machinery and plant.
5. Not to work in unsafe condition.
6. Not to perform unsafe acts.

14. REMOVAL OF ANY CONTRACTOR'S EMPLOYEE FROM SITE

The Company shall be at liberty to object to and require the Contractors to remove forthwith from the works any person employed by the Contractors in or about the execution or maintenance of the works, who, in the opinion of the Company, misconducts, or is incompetent or negligent in the proper performance of his duties, or whose employment is otherwise considered by the Company to be undesirable and such person shall not be again employed upon the works without the written permission of the Company. Any person so removed from the works shall be replaced as soon as possible by a competent substitute approved by the Company.

15. CONTRACTORS LIABLE FOR DAMAGE TO PLANT AND PEOPLE ETC.

The Contractors shall be at any time be liable for the loss of or damage to any of the said constructional plant, temporary works, materials and people including labour etc.

16. SERVICE OF NOTICES ON CONTRACTORS

All certificates, notices or written orders to be given by the Company to the Contractors under the terms of the contract shall be served by sending by post to or delivering the same to the Contractors principal place of business, or such other address as the Contractors shall nominate for this purpose.

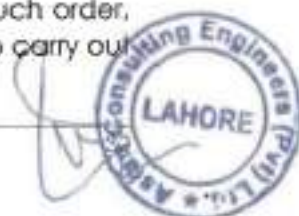
17. SUBLETTING

No subletting of major work shall be done without prior written permission of the Company.

18. REMOVAL OF IMPROPER WORK AND MATERIAL

- a. The Company shall during the progress of the works have power to order in writing from time to time:
 - i. The removal from the site, within such time or times as may be specified in the order, of any materials which, in the opinion of the Company, are not in accordance with the contract.
 - ii. The substitution of improper and unsuitable materials and
 - iii. The removal and proper re-execution, notwithstanding any previous test thereof or interim payment therefore, of any work which in respect of materials or workmanship is not in the opinion of the Company, in accordance with the contract.
- b. Default of Contractor's Compliance

In case of default on the part of the Contractors in carrying out such order, the Company shall be entitled to employ and pay other persons to carry out





the same and all expenses consequent thereon or incidental thereto shall be recoverable from the Contractors by the Company, or may be deducted by the Company from any money due or to which may become due to the Contractors.

19. RATE OF PROGRESS

If for any reason, which does not entitle the Contractors to an extension of time, the rate of progress of the works or any section is at any time, in the opinion of the Company, too slow to ensure completion by the prescribed time, the Company shall so notify the Contractors in writing and Contractors shall thereupon take such steps as are necessary and the Company may approve to expedite progress so as to complete the works or such section by the prescribed time. The Contractors shall not be entitled to any additional payment for taking such steps. If as a result of any notice given by the Company under this clause, the Contractors shall seek the Company's permission to do any work at night or on Sunday, if locally recognized as days of rest, or their locally recognized equivalent, such permission shall not be unreasonably refused. If it is still felt that the progress of the Contractors is not satisfactory and in the opinion of the Company, the project is likely to be delayed due to poor progress, the remaining work can be taken over from the Contractors after giving notice of 14 days and the work can be got completed at the risk and cost of the Contractors.

20. ADVANCE PAYMENT

No advance payment shall be made except described in Appendix-A.

21. CORRECTION AND WITHHOLDING OF PAYMENT CERTIFICATES

If the works or part of the works contained in the PPCs/FPC of the Contractors are found incomplete, defective, rejected and/or with calculation error(s) etc., the Company shall and/or can:

- a. Correct and deduct from the bill such amount or amounts as the Company may consider proper and reasonable or
- b. Withhold payment certificate till the proper completion and rectification of the works or part(s) thereof, or
- c. Send back the said bill to the Contractors for resubmission of proper bill in proper form and details as required by the Company.

The Contractors shall have no claim whatsoever for any delay thus occurring in issuing the payment certificates and releasing the payment thereof.

23. INCOME TAX DEDUCTION

As required under the law, Income Tax will be deducted as per prevailing Government instructions and deposited with the Income Tax Department. However, a certificate for such deduction will be issued to the Contractors.

24. VARIATIONS



The Company shall make any variations of the form, quality or quantity of the works or any part thereof that may, in its opinion, be necessary and for that purpose, or if for any other reason it shall, in its opinion be desirable, the Company shall have power to order the Contractors to do and the Contractors shall do any of the following:

- a. Increase or decrease the quantity of any work included in the contract.
- b. Omit any such work
- c. Change the character or quality or kind of any such work
- d. Change the levels, lines, position and dimensions of any part of the works, and
- e. Execute additional work (s) of any kind necessary for the completion of the works.

And no such variation shall in any way vitiate or invalidate the contract. Additional proportionate time may be allowed by the Company on the basis of any addition in work (s) as per following:

1. If excess in the quantities of any item of work is required either due to requirement of the client departments of SNGPL or due to some other unavoidable site conditions, the same should be informed by the Contractors well in time in order to seek formal written approval from the In-charge (Civil). The Contractors should also quantify and inform the increase in cost of work (s) due to any such excess in quantity of any item.
2. Upon receipt of above stated intimation of the Contractors, undersigned will issue formal written permission to the Contractors for proceeding ahead in the matter accordingly.
3. The Contractors have no authorization to exceed the quantities of different items given in the work order without prior written permission of the In-charge (Civil).
4. If any Contractors execute the construction work (s) in such a way that causes excess in quantities of any item of work, over and above the work order quantities without prior written permission of the In-charge (Civil), the Company may refuse for payment against such excess quantities.

25. VALUATION OF VARIATION

All extra or additional work (s) done or work (s) omitted by the order of the Company shall be valued at the rates and prices set out in the contract if, in opinion of the Company, the same are reasonable, otherwise the same will be rationalized as per following formula given for non-BOQ items.

The rates for additional works (non-BOQ), if any, will be calculated on the basis of following guidelines:



- i. Average market price of material specified quality.
- ii. Cost of labour worked out rationally.
- iii. 10% of cost of material and labour as overhead expenses and taxes of Contractors.
- iv. 15% of cost of material and labour as profit of the Contractors.

26. ESCALATION

No escalation in respect of any kind of material and labour shall be paid in any case due to increase of prices in the market.

27. NATIONAL TAX NUMBER AND PROFESSIONAL TAX CLEARANCE CERTIFICATE

The Contractors will have to produce National Tax Number and Professional Tax Clearance Certificate.

28. COMPLETION TIME

The Contractors shall complete all contract works within stipulated 'Time of Completion' as given in Appendix-A.

29. TIME EXTENSION

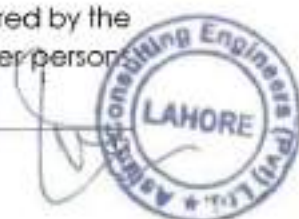
Delay in work due to special circumstances of any kind which may occur other than through default of the Contractors shall entitle the Contractors to an extension in time for completion of work. These special circumstances may include war, riots, epidemics, adverse climatic conditions, law and order situation or other circumstances of such kind which are beyond the reasonable control of the Contractors. The Company shall determine the amount of such time extension and shall notify to the Contractors accordingly.

30. LIQUIDATED DAMAGES (PENALTY)

In case of delay in completion of work from stipulated completion date on the part of the Contractors, Liquidated Damages (Penalty) for such default of the Contractors will be imposed as per the percentage amount given in the Appendix-A for each day of delay. This clause, however, shall not be applicable if in the opinion of the Company, the delay is due to war, riots, epidemics and/or any other reason out of reasonable control of the Contractors. The Company, may without prejudice to any other method of recovery, deduct the amount of such damages from any money in its hands, due or which may become due to the Contractors. The payment or deduction of such damages shall not relieve the Contractors from his obligation to complete the works, or from any other of his obligations and liabilities under the contract.

31. REMEDY ON CONTRACTOR FAILURE TO CARRY OUT WORK REQUIRED

If the Contractors shall fail to do any such work(s) as aforesaid required by the Company, the Company shall be entitled to employ and pay other person





to carry out the same and if such work is the work, which in the opinion of the Company, the Contractors were liable to do at his own expense under the contract, then all expenses consequent thereon or incidental thereto shall be recoverable from the Contractors by the Company, or may be deducted by the Company from any money due or which may become due to the Contractors.

32. BLACKLISTING

If the Contractors fail to execute the work as per contract, the Company may delist his name from SNGPL and the same will be forwarded to PPRA and Pakistan Engineering Council and may blacklist his name for future participation in tender.

33. PROCESS OF PAYMENT/CORRESPONDENCE

1. Work will be completed by the contractor to whom job assigned.
2. PPCs/FPC will be processed on the name of firm's proprietor including name duly signed and stamped by the proprietor.
3. Cheques payment will be processed on the name of proprietor including firm's name.
4. No representative of the firm will sign the official documents on behalf of proprietor.
5. None of proprietor/ representative of firm allowed to do business with the company the of any other firm.

SPECIFICATION TO BE ADOPTED AND LIST OF APPROVED MANUFACTURERS/VENDORS

SPECIFICATIONS AND

LIST OF APPROVED MANUFACTURERS/VENDORS

All equipment/material shall conform to relevant codes and specifications given in BOQ/drawings and shall be from approved sources indicated below. However, in every case the Contractor shall submit complete technical details of the equipment and material and obtain Engineer's approval prior to delivery on site duly vetted by the Consultant. Where Approved Equivalent is indicated, it shall be at the sole discretion of the Engineer to accept or reject the alternate proposal submitted by the Contractor. In the event "Approved Source" of any equipment / material is not indicated below the contractor shall obtain the approval of the Engineer prior to placing order on any supplier. During the execution stage if the material from any supplier is found defective/Sub-standard the Engineer reserves the right to ask the successful bidder to replace his choice of manufacturer / supplier for that particular equipment.

Sr. No.	Description/Materials	Brands/Vendors
1.	Crushed Stone Aggregate	Sargodha (black) or any approved equivalent
2.	OPC Cement	DG, Askari, Maple Leaf or any approved equivalent
3.	Reinforcement Steel, Deform. G-60 & 40	AFCO, Mughal, Fazal or any approved equivalent
4.	Sand	- Local Sand PCC 1:4:8, Brick Masonry, Sand Filling - Lawar nacepur sand for plaster 100% Lawar nacepur for all RCC Works
5.	Ceramic Tiles	Master or any approved equivalent
6.	Plastic/Vinyl emulsion/Enamel (Matt or Gloss)	ICI Dulux, Berger or any approved equivalent
7.	G.I. Pipes	IL (M)
8.	G.I. Pipes (Fittings)	Chinese (Imported)
9.	Gate Valves & Sluice Valves	Chinese Imported
10.	Pigment	Chinese (Imported)
11.	Hardware, Stays & Handles (Brass)	Moosa, Pistol
12.	Window Glazing	Malaysia, Indonesia
13.	Stainless Steel Sink	Atlas, Super Asia
14.	Cast Iron Pipe, Fitting & Fixtures	Alpine, Teepu supreme spun pipe (Sandal Engineering PVT), (Soil & Waste), (Rain Water & Vent Pipe) Floor Trap etc.,
15.	UPVC Pipes & Fittings	DADEX, BETA, Popular
16.	RCC Pipes	Shalimar, Akram, as per ASTM specifications

Sr. No.	Description/Materials	Brands/Vendors
17.	Sanitary Fixtures	Baig, ICL/IFO, Master, Sonex
18.	Flushing Cistern	ICL/IFO, Master, Sonex
19.	Sanitary Fitting	ICL/IFO, Master, Sonex
20.	Anti Termite	Dursbin, Biflex or any approved equivalent
21.	Water proofing agent on sloppy roof	Dyna bond, Vandex, FEB
22.	Cables	Pakistan Cable Ltd. Newage Cables (Pvt.) Ltd. Fast Cables Ltd. Pioneer Cable
23.	Distribution Boxes / LV Panels	Electrech Perfect Elektro MEK Pakistan (Pvt.) Ltd (PEMPAK) Bilal Switchgear Engineering Pvt. Ltd. PEL Tariq Electric MK Engg
24.	Contactors / Relays	ABB Telemecanique National / Finder / Lovato
25.	Circuit Breaker	Teraski Schnieder MG ABB
26.	Indicating Lamps and Push Buttons	Telemecanique, France Fuji, Japan Baco, France Revalco, Italy Muyasu – Japan Lovato – Italy Hager – France
27.	Voltmeters / Ammeters	Saci, Spain / Kraus & Naimer, Australia Hobut, UK Revalco, Italy
28.	Earthing rod, Earth pits, lugs and terminals	Wallis – UK Furse – UK Erico – USA

Sr. No.	Description/Materials	Brands/Vendors
29.	uPVC Conduit & Accessories	Beta pipes
		Popular Pipes
		Piasco Pipes
		Dadex Pipes
30.	Light fixtures	Original Philips Pakistan or equivalent
31.	Switches, Sockets and Power Plugs	Local Bush
32.	Back Boxes, Pull Boxes, etc., Telephone Junction Boxes	Hussain & Co-Karachi, N.R. Industries Lahore, MISTO Lahore
33.	Pumps	KSB, HMA, Grundfos, Komax
34.	Motors	Siemens
35.	Copper Conductor	99.9% Pure Electric Copper Conductor, Pakistan Cable, Newage Cable or equivalent as approved by the Company
36.	Polythene Sheet	60 Sft = 1kg

NOTE:

1. All materials shall be as per brands/specifications given in above table or equivalent approved by Incharge (Civil) and duly vetted by the Consultant.
2. Samples of all construction material should be got approved from the Incharge (Civil) before installation at site.
3. Original cash memo/certificate from authorized dealer will be provided by the Contractor to Incharge (Civil) before installation when required.
4. All PCC, RCC Cylinder strength and steel grade would be according to the provisions of BOQ and drawings. Same provisions will prevail for steel cover.

APPENDIX: LIST OF APPROVED INSURANCE COMPANIES

List of approved insurance companies for performance bond only

1. National Insurance Corporation
2. Habib Insurance Company Limited
3. Eastern Federal Insurance Co. Ltd
4. Premier Insurance Co. Ltd
5. New Jubilee Insurance Co. Ltd
6. Universal Insurance Co. Ltd
7. Adamjee Insurance Co. Ltd
8. National Security Insurance Co. Ltd
9. The Pakistan General Insurance Co. Ltd
10. United Insurance Co. Ltd
11. Atlas Insurance Co. Ltd
12. IGI Insurance Co. Ltd

Note: Performance or other guarantees from Insurance Company will be accepted as long as the Insurance Company is of category A+ or above, as per ratings issued by Pakistan Credit Rating Agency Limited (PACRA). Earnest Money and Mobilization Advance Guarantee will, however, be acceptable from Scheduled Banks of Pakistan.

APPROVED SAMPLE OF PERFORMANCE BOND/GUARANTEE



APPROVED SAMPLE OF PERFORMANCE BOND/GUARANTEE

No. : _____
Dated : _____
Amount : _____
Expiry date : _____

To

The Managing Director
Sui Northern Gas Pipelines Limited
Sui Gas House
21- Kashmir Road
Lahore

Dear Sir,

BY THIS BOND/ GUARANTEE _____

Lahore whose registered office is at _____ hereinafter
called the "SURETY" do hereby bind ourselves and our successors and assigns jointly
and severally by these presents, to pay the Sui Northern Gas Pipelines Ltd., Lahore
(hereinafter called the "COMPANY") unconditionally on demand and without further
questions, the sum of Rs. _____
(Rupees _____)
_____) sealed with our seal and dated Lahore this _____ day of _____

WHEREAS

M/s _____ (hereinafter called
the "CONTRACTORSS") for submitting tender for _____

a Work Order No. _____ dated _____ made
between the "COMPANY" of the one part and the "CONTRACTORS" of the other part
has entered in to a contract (hereinafter called "THE SAID CONTRACT") for the
construction of aforesaid works as herein mentioned in conformity with the provisions
of the said contract and the sum mentioned in the above written Bond/ Guarantee
represents the retention money to be furnished by the Contractors for fulfillment of the
said contract.



NOW THE CONDITION of the above written Bond/ Guarantee is such that if the Contractors shall duly perform and observe all the terms, provisions, conditions and stipulations of the said contract on the Contractors part to be performed and observed according to the true purport, intent and meaning thereof as determined by the company who shall be the sole judge in the matter or if on default by the Contractors for which the company shall be the sole judge, the surety shall satisfy and discharge the damages sustained by the company thereby and determined by the company of the above written bond/ Guarantee, then this obligation shall be null and void but no alteration in terms of the said contract made by agreement between the company and the Contractors or in the extent or the nature of the works to be constructed, completed and maintained there under and no allowance of the time by the company under the said contract nor any forbearance or forgiveness in or in respect of any matter or thing concerning the said contract on the part of the company shall in any way release the surety from any liability under the above written Bond/ Guarantee.

This Performance Bond/ Guarantee is valid up to _____ (including time of completion of work and completion of maintenance period).

Yours faithfully,

For and on behalf of "Surety"

SURETY NAME _____

Authorized Signature

Authorized Signature

The Common seal of the ("Surety") _____ is
hereunto affixed in the presence of:

WITNESSES:

1.
Name: _____
CNIC No. _____
Signature: _____

2.
Name: _____
CNIC No. _____
Signature: _____

SPECIAL CLAUSES

SPECIAL CLAUSES

SC1. TESTING OF CONSTRUCTION MATERIALS ETC:

Tests but not limited to the following for construction materials shall be carried out:

Sr. No.	Material	Test	Reference
1	Concrete	i Slump Test	ASTM C 143
		ii compressive test of 6" dia x 12" long cylinder at 28 days	ASTM C -39
2	Bricks	Compressive Strength 1800 psi	ASTM C 0067-03a
3	Aggregate	1. Sieve Analysis	ASTM C 136-5
		2. Crushing Strength by Los Angeles Abrasion Test	ASTM C 131-03
4	Reinforcement Steel	1. Tensile Strength	ASTM A 615/A
		2. Elongation Test	ASTM A 615/A

- i. The Contractor will pay all the expenses relating to material testing including but not limited to the cost of metrical sample preparation carriage and testing in lab etc.
- ii. The Contractor shall make available at site the equipment/apparatus required for testing of material as directed by the Company.
- iii. The quantity of sample and the frequency of tests will be as per above standard or as directed by the Company.

SC2. UTILITIES:

The Contractor shall provide where possible at site Contractors staff accommodations water supply and electric power free of cost.

SC3. QUANTITIES IN BID SHEET:

The quantities given in bid sheet are only for reference and payment shall be made as per actual measurement at site.

SC4. IMPLEMENTATION OF HSE PROCEDURES:

The successful bidder shall follow all the applicable HSE procedures and policies at construction site in accordance with Contractors HSE statement.

SC5. TESTING ARRANGEMENT/EXPENSES:

Testing arrangement/expenses for construction materials, concrete and compaction of road works from approved laboratories (approved by SNGPL representative/site incharge) shall be responsibility of Contractor. All tests of construction materials and final product elaborated in Technical Specifications will be performed after which the works will be considered as approved for final payment.

SCHEDULE OF PAYMENT

MODE OF PAYMENT/PAYMENT SCHEDULE

Construction of Driver Room at Reginal Distribution Office Islamabad

Payment shall be made against each bill as per Bid Sheet/BOQ upon completion of respective Job associated with that specific bill strictly in accordance with the methodology/scope of works proposed in these tender documents.

NOTE:

1. These payments will be considered for approval/payment only after complete testing of the construction materials involved and other related tests specified in the tender documents, drawings and provisions of BOQ.
2. The quantities given in BOQ are only for reference however work to be carried out as per specification/drawings given in tender document and payment shall be processed as per the Mode of Payment.



CONTRACTOR HSE STATEMENT

CONTRACTOR HSE STATEMENT



SUI NORTHERN GAS PIPELINES LIMITED

Doc. #SNGPL-GPR013-F001

Issue # 01

Issue Date

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Contractor HSE Statement

The Contractor shall prepare and maintain information including a clear method statement regarding Contract/Sub-Contract activities, which outline the work to be undertaken and the method (s) for minimizing and maintaining environmental impacts, OH&S Hazards and maintaining compliance with HSE regulation.

To assist in organizing and maintaining information, background information section has been included (section I, II, III) Section can be modified or deleted as required when requesting a method statement from Contractors/Sub-Contractors.

SNGPL's Personnel to Complete Section I, II, and III

Suppliers to Complete Section IV, V, and VI

Section I Your Information: (type or print)

Name	
Phone Number	
Fax Number	
Dept Name	

Section II Requisition Information:

Requisition Number	
Project Number: (If applicable)	

Section III Service or Activity to be Performed:

Material/Chemical: (Production/Non-production)	Paint Solvent Sealer	Treatment Chemicals Lubricants, Oils, Greases Gasoline	Janitorial Material Other (specify) _____ Other (specify) _____
Facilities/ Construction:	Ditching Electrical Paint Structural	Roofing Mechanical HVAC	General Contractor Arch/Engr/Consulting Other (specify) _____
Services: (Includes Environmental Services)	Janitorial Security Maintenance	Emergency Response Env. Consulting Paint Booth Cleaning	Waste Management Other (specify) _____
Containerization:	5 gal. or less Drums Bulk Tanks	Type of Contract	Commodity Management On-site Manager Provided Total Cost Contract



SUI NORTHERN GAS PIPELINES LIMITED

Doc. #SNGPL-GPR013-F001

Issue # 01

Issue Date

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Contractor HSE Statement

Section IV. Supplier/Contractor Information:

Current Supplier/Contractor to this Facility

New Supplier/Contractor to this Facility

Current Involved in other Facility Project(s)

List Project(s): _____

(Complete information in table below):

(type or print)

Name:	
Address:	
City & Province:	
Phone Number:	
Fax Number:	
President/General Manager/CEO etc.	
Facility Site Coordinator:	
Email Address:	
Phone Number:	
Mobile Number:	
Fax Number:	
Pager:	
24 Hour Emergency Number:	



SUI NORTHERN GAS PIPELINES LIMITED

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Issue # 01

Issue Date

Contractor HSE Statement

Page 3 of 5

Sub-Contractor Information: (List supplier/Contractor not identified) (type or print)

Type	Firm Name
Architectural	
Mechanical	
Electrical	
Heavy Vehicles	
Industrial Services	
Painting	
Roofing	
Architectural/Engineering /Consulting Firm	
Sampling/Testing	
Chemical Supplier	
Other (specify)	
Scrap	
Waste Disposal	
Demolition Disposal	

Note: It is strongly recommended that you have your sub-contractor and suppliers involved at this facility should complete a separate HSE briefing package for the facility's review.

Contractor HSE Statement





SUI NORTHERN GAS PIPELINES LIMITED

Doc. #SNGPL-GPR013-F001

Issue # 01

Issue Date

Contractor HSE Statement

Page 4 of 5

Section V. Contractor Method Statement:

Supplier/Contractor is financially responsible for on-site HSE remediation actions resulting from incidents involving their employees and sub-contractors. To minimize the risk of environmental accidents, please review and initial the items contained in the HSE Management Basics Table below.

Health, Safety and Environment Management Basics		Tick (.)
1	Contractor will ensure that the - Health of its employees is protected. - All activities carried out for the execution of the job are safe. - Compliance is met with all relevant laws and regulations. - All HSE (Health, Safety and environment) procedure of the Company are implemented. - Safe working environment is provided to its employees.	
2	Contractor will take all necessary steps to minimize the hazards associated with the job. Appropriate personal protective equipment should be provided to the employees where hazards exist.	
3	All incidents resulting in Dangerous Occurrence minor or major injury fire vehicle accidents and environmental incidents are to be reported to Company with 24 hours.	
4	The Contractor is to make his own arrangements for treating injuries to his employees. In the event, Contractor's employee is injured while working for the Company. It is the Contractor's responsibility to notify the company representative immediately and to report the circumstances of injury.	
5	Contractor's mobile equipment such as trucks crane welding machines, etc must be maintained in good working conditioned. Contractor's trucks and other mobile equipment should be operated in such a way that material they are carrying does not fall off the equipment on to the roads. If repairs are required or vehicles become immobilized arrangement must be made to correct the situation with additional outside help.	
6	Prior to the start of work a certificate from a competent authority is to be given to the site in charge by the Contractor stating that all mobile heavy equipment are in good working conditioned. Only licensed and designated qualified people shall operate contractor's equipment.	



Health, Safety and Environment Management Basics		Tick ()
7	Company equipment must not be handled or tampered with by Contractor. The Company representative may grant permission to the Contractor on specific conditions to operate Company equipment if emergency conditions so require.	
8	When doing work involving excavation Contractors must not be damaged or break into or otherwise open any underground piping. Extreme care must be exercised in this respect while excavating with power driven equipment. If lines are accidentally damaged notify the company representative immediately.	
9	All excavation made by Contractors must be fenced barricaded or otherwise protected so as to prevent personnel from slipping or falling into them.	
10	Drawing/Excavation include safety talk notified for facilitating contract employees ever during transportation by Cos TPT.	
11	The authorized Company executive will issue a permit appropriate for any work to be done by the Contractor at Company designed sites where work permit procedure is applicable. After receiving permit for work the Contractor shall be guided by Company rules and applicable laws in performing his work.	
12	Contractor shall provide to all their staff the relevant PPE's as specified by the Company against each job. Contractor staff will do compliance.	
13	Contractor's job sites must be kept reasonably clean and free of rubbish and debris which may create tripping or fire hazard. Upon completion the Contractor shall leave the area in a clean and orderly manner, removing all Contractor's debris, equipment and excess material.	
14	Contractor shall dispose of all the waste generated from its activity in environment friendly manner as described in Pakistan Environment Protection Act, 1997.	



SUI NORTHERN GAS PIPELINES LIMITED

Doc. #SNGPL-GPR013-F001

Issue # 01

Issue Date

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Contractor HSE Statement

Section VI. Supplier/Contractor Certification: (review and sign)

I have reviewed and understand the information contained in this document. I also understand that SNGPL's HSE Personnel have the right to inspect our activities and those of our Suppliers/Contractors with regards to our on-site activities. I further understand that activities pertaining to service and/or maintenance contracts may only require submission of this form on an annual basis.

Name	
Title	
Signature	
Date	



INTEGRITY PACT

**INTEGRITY PACT****DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC
PAYABLE BY THE CONSULTANT/CONTRACTOR FOR SERVICES & WORKS
IN CONTRACTS WORTH RS.10.00 MILLION OR MORE**

Contract Number: _____

Dated: _____

Contract Value: _____

Contract Title: _____

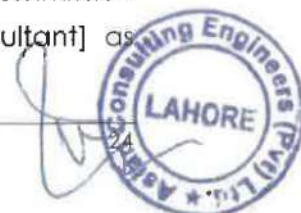
[name of Consultant/Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing [name of Consultant/Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[name of Consultant/ Contractor] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Consultant/ Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration representation and warranty. It agrees, that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be void able at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [name of Consultant/ Contractor] agrees to indemnify GoP for any loss of damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission gratification, bribe, finder's fee or kickback given by [name of Consultant] as



aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest privilege or other obligation or benefit in whatsoever form from GoP.

[Client]

[Consultant / Contractor]

SPECIAL CONDITIONS

SNGPL desires construction of the following works thru competent Civil Contractor to carry out the complete Civil & MEP construction works as per BOQ, Specifications and Drawings given in the Tender Documents.

Construction of Driver Room at Reginal Distribution Office Islamabad

SPECIAL CONDITIONS

The bid is being invited as per 'Single Stage-Two Envelope' procedure, in Compliance of PPRA Rule No. 36(b). If the bidder fails to fulfill any of following mandatory requirements, his bid will be considered as nonresponsive and shall be rejected without opening his 'Financial Proposal'.

1. The bid shall comprise a single package with only the name of work, containing the following in two separate envelopes:
 - a. 'Technical Proposal'
 - b. 'Financial Proposal'

The envelopes shall be marked as 'TECHNICAL PROPOSAL' and 'FINANCIAL PROPOSAL' in bold and legible letters to avoid confusion.

2. Initially, only the envelope marked as 'TECHNICAL PROPOSAL' shall be opened. The envelope marked as 'FINANCIAL PROPOSAL' shall be retained in the custody of SNGPL without being opened.
3. SNGPL shall evaluate the 'Technical Proposal' in a manner prescribed in clause 4 below, without reference to the price and reject any bid which does not conform to the specified requirements.
4. The 'Technical Proposal' must contain the following:
 - i. Certificate of registration of bidder with Pakistan Engineering Council in the relevant category valid for current year or copy of last/previous year along with receipt of amount submitted for renewal of registration.
 - ii. Copy of five pages of HSE Contractor Statement given in tender documents are required to be filled, stamped and signed by bidders and submit along with Technical Proposal.
 - iii. National Tax Number along with copy of certificate.
 - iv. Copy of Professional Tax Clearance Certificate.
 - v. Copy of Provincial Sales Tax (PST) Registration.
 - vi. Following relevant paper must be provided in respective cases: -
 - Name of the bidder
 - Type of ownership i.e. Proprietor/Partnership/Private Limited Company/Public Limited Company
 - Copy of NIC in case of single proprietor
 - Copy of partnership deed in case of partnership
 - Copy of Article of Association for Private/Public Limited Companies.
 - vii. **Complete data of the Contractor regarding projects of civil works (structure/Building/Rehabilitation/strengthening Works, at least 01) each of worth not less than five (05) million during last five years with**



- proof (work order & completion certificate). The same will be vetted by the Consultant before opening of the Financial Bids.
- viii. **Complete data of the Contractor regarding projects of civil works (structure/Building/Rehabilitation/strengthening Works, at least 01) each of worth not less than five (05) million in hand with proof (work order & Agreement). The same will be vetted by the Consultant before opening of the Financial Bids.**
- ix. **Proof of personnel & equipment capabilities and financial soundness (available bank credit line and working capital in last three years).**
5. The 'Financial Proposal' should contain the tender documents with each page signed along with duly filled in 'Bid Sheet'.
6. After the submission of bid, no amendments shall be permitted.
7. The 'Technical Proposals' shall be evaluated after opening and the 'Financial Proposal' of bids found technically nonresponsive shall be returned un-opened to the respective bidders. Thereafter the 'Financial Proposals', of the technically accepted bids only, will be opened in the presence of concerned bidders.
8. In case of any conflict between the Design Drawings and the Technical Specifications, the Drawings shall supersede the Specifications.
9. If excess in the quantities of any item of work is required either due to requirement of the client departments of SNGPL or due to some other unavoidable site conditions, the same should be informed by the Contractor well in time in order to seek formal written approval from the INCHARGE (CIVIL). The Contractor should also quantify and inform the increase in cost of work due to any such excess in quantity of any item. Upon receipt of above stated intimation of the Contractor, the Company will issue formal written permission to the Contractor for proceeding ahead in the matter accordingly.
- The Contractor has no authorization to exceed the quantities of different items given in the work order without prior written permission of the INCHARGE (CIVIL). If any Contractor executes the construction work in such a way that causes excess in quantities of any item of work, over and above the work order quantities without prior written permission of the INCHARGE (CIVIL), the Company may refuse for payment against such excess quantities.
10. If the construction site is not cleared and handed over to the Contractor by the Company within 60 days of issuance of work order, the Contractor may withdraw his offer and in such case the Earnest Money and/or Performance Bond submitted by the Contractor will be returned by the Company.
11. Complete HSE (Health Safety and Environment) Contractor Manual is available at SNGPL website www.sngpl.com.pk which must be studied for true implementation during execution of work. Implementation of HSE procedures shall be ensured as per prevailing HSE policy of SNGPL during execution of works.

12. The Contractor must ensure the HSE Management Plan (safe system of works) at site to avoid any untoward incident including but not limited to following:
- i. Detail plan of activities to be carried out from start to execution/commissioning of subject project for example scaffolding, load lifting, work at height, use of mechanical equipment (moveable and immovable) etc. Detail JSA/Risk Assessment of the associated HSE hazards of each activity along with control measures.
 - ii. Detail of certified machinery along with trained/experienced operators. Certificate of operators will be required.
 - iii. Mechanism of effective HSE supervision of the project with dedicated HSE Engineers/Officers and staff.
 - iv. Firefighting plan with detail of firefighting staff capabilities and equipment.
 - v. First aid plan with detail of first aiders staff capabilities and equipment.
 - vi. Mechanism of manual and mechanical loading/unloading.
 - vii. Detail of accident/incident statistics of the contracted company.
 - viii. Detail of barricades, i.e., caution boards, hard barricades, barricading tape etc.
 - ix. Detail of PPE's.
 - x. Emergency Response Plan.
 - xi. Training and safety talks mechanism.
13. The Contractor shall be liable to pay compensation to his staff / labour in case of any major injury, disability and fatality category wise as under:

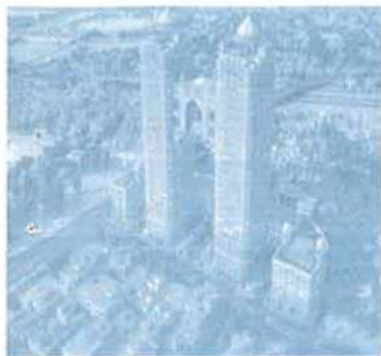
a.	In case of major injury (Injury leading to temporary disablement)	Payment of ½ of the monthly wages till the recovery of temporary disablement or for a maximum period of one year, whichever is less. Payment of 1/3 of the monthly wages till the recovery of chronic ill health / disease or for a maximum period of 5 year, whichever is less.
b.	In case of Disability (Permanent)	Rs. 500,000/-
c.	Fatality	Rs. 500,000/-

14. Failure to compliance against HSE initiative at operational sites will lead to blacklisting of a Contractor through following disciplinary action.

e.	1st Violation	Warning-letter
f.	2nd Violation	Deduction of Rs. 100,000/-
g.	3rd Violation	Deduction of Rs. 500,000/-
h.	4th Violation	Suspension for period of Six Months
i.	5th Violation	Blacklisting



15. To ensure that Contractor obtains 3rd party insurance to cover such incident (Harmful Incidents / Any Accident)
16. To ensure the sufficient security is retained by the company from the Contractors to cover such case (Harmful Incidents / Any Accident)
17. Protective gear should be provided to workers by the Contractors to avoid such accidents (Harmful Incidents / Any Accident)
18. To take care of the above point in future as well as running contracts.
19. Minimum level of age/experience/skill of contractor's staff/labour should be checked by first line executives and HSE engineer against the relevant job. A clause should be included in the Contract awarding documents against this requirement.
20. Contractor's staff should use only those tools at site which have prior verification from first line executives and HSE engineer. A clause should be included in contract awarding documents against this requirement.



Sui Northern Gas Pipelines Limited (SNGPL)

"Design and Preparation of
Tender Document Including Site Investigations"

TENDER DOCUMENTS

For

Construction of Driver Room at Regional Distribution Office Islamabad

January – 2026



Head Office:

C-3, Jhelum Block, Green Fort-II, Lahore.
Phone: +92 42 35450914-15
Fax: +92 42 35450916,
Email: arslan@asiancon.com

Islamabad:

Karachi:

Peshawar:

Office No. 21, 2nd Floor, 44-Zaki Centre,
I-8 Markaz, Islamabad.

Office No. 410, 4th floor, Business Avenue, PECHS,
Block-6, Main Shahrah-e-Faisal, Karachi.

Syed's Tower, Office No. 1, 4th Floor, Opposit to
Custom House, University Road, Peshawar.



Quality Control Sheet



QUALITY CONTROL SHEET				
DOCUMENT	Tender Documents for Construction of Driver Room at Reginal Distribution Office Islamabad			
PROJECT	"Design and Preparation of Tender Document Including Site Investigations"			
CODE	9200138-SNGPL			
AUTHOR				
	17.01.2026			
VERIFIED				
	17.01.2026			
RECIPIENT	Sui Northern Gas Pipelines Limited (SNGPL)			
NOTES				

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