

Annexure - I

Price Schedule

PRICE SCHEDULE

Name of Project: 230/66/20kV Substation at Khan Al Jouz.

Name of Work: Civil Works

S.No.	Items of Work	Quantity	Unit	Rate	Price
1	Site Soil Investigation	1	LS		
2	Temporary Works PEEGT Building	1	LS		
3	Furnishing of PEEGT Office	1	LS		
4	Temporary Storage Building for Indoor Equipments (10M x 10M)	1	LS		
5	Complete Leveling of all s/s area (including removal all obstacles of any type removing and demolishing of asphalt roads, old buildings or rooms, etc, also removing of top agriculture soil which should be replaced by improved soil)	1	LS		
6	Control Building (35M x 18M - c/c & clear height 5M)				
(i)	Excavation and Backfilling	1	LS		
(ii)	structural frames etc..and plain concrete where required.	1	LS		
(iii)	Reinforced Concrete for Foundations,sub-structure,	1	LS		
(iv)	Plastering and internal finishing	1	LS		
(v)	Floors and trenches	1	LS		
(vi)	Roofing (Thermal insulation and water proofing system)	1	LS		
(vii)	Doors and windows with louvers	1	LS		
(viii)	Internal lighting and low voltage power	1	LS		
(ix)	Finishing and fittings	1	LS		
(x)	Fire protection and detection	1	LS		
(xi)	Any other item/s the contractor finds not covered	1	LS		
7	Diesel Building (5M x 5M - c/c & clear height 5M)				
(i)	Excavation and Backfilling	1	LS		
(ii)	structural frames etc..and plain concrete where required.	1	LS		
(iii)	Reinforced Concrete for Foundations,sub-structure,	1	LS		
(iv)	Plastering and internal finishing	1	LS		
(v)	Floors and trenches	1	LS		
(vi)	Roofing (Thermal insulation and water proofing system)	1	LS		
(vii)	Doors and windows with louvers	1	LS		
(viii)	Internal lighting and low voltage power	1	LS		
(ix)	Finishes and fittings	1	LS		
(x)	Fire protection and detection	1	LS		
(xi)	Any other item/s the contractor finds not covered	1	LS		
8	20kV Switchgear Building (20M x 5M - c/c & clear height 5M)				
(i)	Excavation and Backfilling	1	LS		
(ii)	Reinforced Concrete for structure	1	LS		
(iii)	Masonry works facing Bricks	1	LS		
(iv)	Floors	1	LS		
(v)	Plastering and internal finishing	1	LS		
(vi)	Roofing (Thermal insulation and water proofing system)	1	LS		
(vii)	Finishing	1	LS		
(viii)	Doors and windows with louvers	1	LS		

S.No.	Items of Work	Quantity	Unit	Rate	Price
(ix)	Internal lighting and low voltage power	1	LS		
(x)	Any other item/s the contractor finds not covered	1	LS		
(xi)	Balance of other costs	1	LS		
9	Gate House Building (3M x 3M - c/c & clear height 3M)	1	LS		
(i)	General	1	LS		
(ii)	Foundation.	1	LS		
(iii)	Substructure slab on grade.	1	LS		
(iv)	Substructure column and beams.	1	LS		
(v)	Exterior closure.	1	LS		
(vi)	Roof finishing.	1	LS		
(vii)	Interior construction.	1	LS		
(viii)	Specialists	1	LS		
10	Trenches & Cable Racks				
(i)	Section1-1 (1900 (wide)X 925 (deep))	330	Metre		
(ii)	Section2-2 (1050 (wide)X 925 (deep))	900	Metre		
(iii)	Section3-3 (750 (wide)X 550 (deep))	360	Metre		
(iv)	Cable Trench/road/drain crossings	1	LS		
11	Transformers and Outdoor Steel Structure Foundations				
(i)	Transformer foundations & associated works				
(a)	230/66 kV, 125MVA ICT foundations with soakpit, etc	2	Nos		
(b)	66/20kV, 30MVA ICT foundation with soakpit, etc.	2	Nos		
(c)	66/0.4kV, 250kVA transformer foundation	2	Nos		
(d)	20/0.4kV, 100kVA transformer foundation	2	Nos		
(e)	Fire wall (15M long & 8M above ground level)	1	No		
(f)	Rail Cum Road - Two Line	192	Metre		
(ii)	Outdoor steel structure foundations including anchor/foundation bolts.				
(a)	220kV Tower foundations	39	Nos		
(b)	220kV Current transformer foundations	21	Nos		
(c)	220kV Capacitive Voltage Transformer foundations	24	Nos		
(d)	220kV 3 - phase Isolator foundations	26	Sets		
(e)	220kV Surge arrestor foundations	18	Nos		
(f)	220kV Wave trap foundations	12	Nos		
(g)	220kV Post insulator foundations	14	Nos		
(h)	220kV 3 - phase Circuit breaker foundations	7	Sets		
(i)	220kV Marshalling box foundations	7	Nos		
(j)	66kV Tower foundations	46	Nos		
(k)	66kV Current transformer foundations	33	Nos		
(l)	66kV Capacitive Voltage Transformer foundations	39	Nos		
(m)	66kV 3 - phase Isolator foundations	39	Sets		
(n)	66kV Surge arrestor foundations	30	Nos		
(o)	66kV Wave trap foundations	18	Nos		
(p)	66kV Post insulator foundations	49	Nos		
(q)	66kV 3 - phase Circuit breaker foundations	11	Sets		

S.No.	Items of Work	Quantity	Unit	Rate	Price
(r)	66kV Cable sealing end foundations	24	Nos		
(s)	22kV Cable sealing end foundations	12	Nos		
(t)	66kV Marshalling box foundations	11	Nos		
12	Fence and Retaining Walls .				
(i)	Fence of the substation	830	Metre		
(ii)	Retaining walls .	1	LS		
(ii)	Balance of other costs	1	LS		
13	Gate				
(i)	Gates	1	LS		
(ii)	Balance of other cost	1	LS		
14	Sings	1	LS		
15	Ventilation, Air Conditioning (Heating & Cooling)				
(i)	Ventilation and conditioning system	1	LS		
(ii)	Balance of other cost	1	LS		
16	Security System				
(i)	Watching system	1	LS		
(ii)	Two ways intercom	1	LS		
17	Drainage				
(i)	Surface water system	1	LS		
(ii)	Sewage water system	1	LS		
(iii)	Balance of other cost	1	LS		
18	Connecting with main sewage network	1	LS		
19	Roads and walkway				
(i)	Access roads	1	LS		
(ii)	Roads inside substation				
(a)	5m wide	485	Metre		
(b)	6m wide	405	Metre		
(iii)	Car park	1	LS		
(iv)	Walkway	1	LS		
(v)	Balance of other cost	1	LS		
20	Water Tank (50M3 CAPACITY)	1	LS		
21	Gravel Spreading in the Substation	36000	Square Metre		
22	Any other works required as per specification	1	LS		
	Total Amount				

NOTES:

- 1 All Prices shall be inclusive of design & drawing charges and shall cover all works required to be done as per Customer's specification against that item.
- 2 Any other item not listed above, but required as per specification shall be deemed to be included in bidder's scope and no extra price shall be paid for the same..