



**GOVERNMENT OF PAKISTAN
PAKISTAN PUBLIC WORKS DEPARTMENT**

No.EE/KCE&M.I/NIT/PPRA/775

Karachi, dated: 01-06-2022

INVITATION TO BID

Sealed Tenders are invited from the contractors registered with Pakistan Engineering Council under relevant category on percentage basis on Pak. P.W.D., schedule of rates 2022 and market rate items who possess valid renewal with PEC upto 30th June 2022 and having valid mandatory Electrical License from Electric Inspectorate, Govt. of Sindh up to 31st December 2022. Tender documents can be received from the office of the undersigned during office hours on any working day upto **17th June 2022** with written request on letter accompanied with attested copies of CNIC, SRB, Income tax Registration Certificate as active tax payer (filer) and copy of valid registration of PEC under relevant / appropriate category for all and copy of valid Electrical License from Electric Inspectorate, Govt. of Sindh. Tenders will be issued to the proprietor of the Firm/Company or their legal authorized representatives having registered power of attorney (duly attested). The tenders in sealed cover should be dropped in the tender box kept in the office of the undersigned on **18th June 2022** upto 11:00 A.M. The respective tenders will be opened on the same day at 11:30 A.M in the presence of contractors or their authorized representatives, having registered power of attorney. Other terms & conditions can be seen in the office of the undersigned during office hours on any working day.

Sr. No.	Name of Work	Amount (Rs.)	Earnest Money Amount	Period of Completion	Cost of Tender (Rs.)
1	OPERATION & MAINTENANCE OF E/M INTALLATION OF IC-3 SITE PORT QASIM, KARACHI	1824990	55000	10 Days	2000
2	CONSTRUCTION OF DISPENSARY AT BLOCK-L-49 IQBAL BALOCK COLOCY ORANGI TOWN KARACHI. (S.H: ELECTRIFICATION WORK)	1064300	32000	10 Days	2000

2nd Schedule:

In case tenders are not sold / opened on the date mentioned above, due to unavoidable/ unforeseen circumstances, 2nd schedule will be followed: -

1. Date of sale : 18th of June 2022, or last working day before opening date
2. Date / time of receiving : 20th of June, 2022 at 11:00 A.M.
3. Date / time of opening : 20th of June, 2022 at 11:30 A.M.

**Sd/-
Executive Engineer
Karachi Central E&M Division No.I
Pak P.W.D., Karachi.**

SCHEDULE OF WORK

NAME OF WORK:- OPERATION & MAINTENANCE OF E/M INSTALLATION OF IC-3 SITE PORT
QASIM, KARACHI.

S.#	Item of Work	Qty	Rate	Unit	Amount
<u>SH-A L.T ELECTRICAL INSTALLATION</u>					
<u>ITEM BASED ON S/R</u>					
1	Replacement of u/s & b/out 40/36 watts TLD lamp with new one as per existing size and sample as required (10.1.1)	75 Nos		Each	
2	Replacement of u/s & b/out 20/18 watts TLD lamp with new one as per existing size and sample as required.(10.1.2)	10 Nos		Each	
3	Replacement of u/s & b/out 125 watts mercury lamp with new one as per existing size & sample as required(10.1.11)	15 Nos		Each	
4	Replacement of u/s & b/out 250 watts mercury lamp with new one as per existing size & sample as required(10.1.12)	10 Nos		Each	
5	Replacement of u/s & b/out 400 watts mercury lamp with new one as per existing size & sample as required(10.1.13)	18 Nos		Each	
6	Replacement of u/s & b/out 70 watts sodium lamp with new one as per existing size & sample as required(10.1.14)	10 Nos		Each	
7	Replacement of u/s & b/out 250 watts sodium lamp with new one as per existing size & sample as required(10.1.16)	18 Nos		Each	
8	Replacement of u/s & b/out 400 watts sodium lamp with new one as per existing size & sample as required(10.1.17)	9 Nos		Each	
9	Replacement of u/s & b/out 250 watts sodium T lamp with new one as per existing size & sample as required(10.1.18)	9 Nos		Each	
10	Replacement of u/s & b/out 400 watts sodium T lamp with new one as per existing size & sample as required(10.1.19)	10 Nos		Each	
11	Replacement of u/s & b/out 250 watts Metal Halide lamp with new one as per existing size & sample as required(10.1.20)	10 Nos		Each	
12	Replacement of u/s & b/out 400 watts Metal Halide lamp with new one as per existing size & sample as required(10.1.21)	17 Nos		Each	
13	Replacement of u/s & b/out 125 watts Ballast & MV lamp with new one as per existing size & sample as required(10.1.22)	17 Nos		Each	

14	Replacement of u/s & b/out 250 watts Ballast & MV lamp with new one as per existing size & sample as required(10.1.23)	10 Nos	Each
15	Replacement of u/s & b/out 400 watts Ballast & MV lamp with new one as per existing size & sample as required(10.1.24)	10 Nos	Each
16	Replacement of u/s & b/out 70 watts Ballast SON with new one as per existing size & sample as required(10.1.25)	10 Nos	Each
17	Replacement of u/s & b/out 150 watts Ballast SON with new one as per existing size & sample as required(10.1.26)	10 Nos	Each
18	Replacement of u/s & b/out 250 watts Ballast for SON/Metal Halide with new one as per existing size & sample as required(10.1.27)	10 Nos	Each
19	Replacement of u/s & b/out 400 watts Ballast for SON/Metal Halide with new one as per existing size & sample as required(10.1.28)	10 Nos	Each
20	Replacement of u/s & b/out 100-600 watts ignitor with new one as per existing size & sample as required(10.1.29)	10 Nos	Each
21	Replacement of u/s & b/out 35MFD capacitor with new one as per existing size & sample as required(10.1.34)	17 Nos	Each
22	Replacement of u/s & b/out 20--40 watts Electronic ballast with new one as per existing size & sample as required(10.1.35)	17 Nos	Each
23	Replacement of u/s & b/out 6 to 32 Amps single pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.36)	10 Nos	Each
24	Replacement of u/s & b/out 40 Amps single pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.37)	18 Nos	Each
25	Replacement of u/s & b/out 50 to 63 Amps single pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.38)	18 Nos	Each
26	Replacement of u/s & b/out 6 to 32 Amps Double pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.39)	8 Nos	Each
27	Replacement of u/s & b/out 42 to 63 Amps Double pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.40)	8 Nos	Each

28	Replacement of u/s & b/out 15 to 60 Amps (Low breaking Capacity) triple pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.41)	8 Nos	Each
29	Replacement of u/s & b/out 10 to 60 Amps (High breaking Capacity) triple pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.42)	8 Nos	Each
30	Replacement of u/s & b/out 75 to 100 Amps (Low breaking Capacity) triple pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.43)	10 Nos	Each
31	Replacement of u/s & b/out 75 to 100 Amps (High breaking Capacity) triple pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.44)	5 Nos	Each
32	Replacement of u/s & b/out 125 to 225 Amps (Low breaking Capacity) triple pole moulded case circuit breaker with new one as per existing size & sample as required(10.1.45)	2 Nos	Each
33	Replacement of u/s & w/out fan bearing set with new one as per existing size after the dismantling the ceiling fan all sweep complete in all respect i/c cartage and fixing charges as required (10.2.1)	10 Nos	Each
34	Replacement of u/s & w/out fan bush set after the dismantling the exhaust fan all sweep complete in all respect i/c cartage and fixing charges as required (10.2.2)	10 Nos	Each
35	Rewinding of b/out AC Exhaust fan 12"/16" sweep with suitable size of winding wire i/c varnishing / backing and testing on load complete in all respect i/c cartage and fixing charges as required (10.2.3)	10 Nos	Each
36	Rewinding of b/out AC Exhaust fan 18"/24" sweep with suitable size of winding wire i/c varnishing / backing and testing on load complete in all respect i/c cartage and fixing charges as required (10.2.4)	10 Nos	Each
37	Rewinding of b/out AC ceiling fan all kind sweep with suitable size of winding wire i/c varnishing / backing and testing on load complete in all respect i/c cartage and fixing charges as required (10.2.5)	10 Nos	Each
38	Hand painting of wall/floor/surface/recessed type panel / distribution board complete with its all side with two coats of superior quality paint as required (10.3.1)	300 Sft	Each
39	Hand painting elector motor, pump upto 5 HP i/c fitting such as suction and delivery line flanges etc. as required (10.3.2)	10 Nos	Each

40 Spray painting after the dismantling and re-erecting of ceiling fans/bracket fan / pedestal fan all kinds sweep complete with blades, down rod, canopy i/c scraping the old paint and paniting with two coat of superior white quality synthetic paint with golden lining and also replacement of worn out screw, nut, split pin, etc. as required (10.3.3)

18 Nos Each

41 Hand painting of steel tubular pole of all size and type i/c cross arm, etc. with fine coat of anti corrosive under coating and two coats of superior quality silver or enenal paint as required (10.3.4)

45 Nos Each

42 Hand painting of House service pipe post of all size i/c cross arm, stays etc. with one coat of anti corrosive under coating and two coats of superior quality aluminium or enenal paint as required (10.3.5)

18 Nos Each

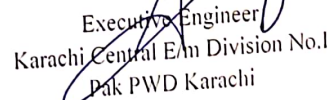
43 Hand painting of Over head line flying stay all size with one coats of anti corrosive under coating and two coats of superior quality aluminum or enenal paint as required (10.3.6)

10 Nos

Each
Total Rs. _____



Assistant Executive Engineer
Karachi Central E/M Division No.1
est-ic-3 may-2022
PAK P.W.D., KARACHI



Executive Engineer
Karachi Central E/M Division No.1
PAK PWD Karachi

Schedule of Work

**NAME OF WORK:- CONSTRUCTION OF DISPENSARY AT BLOCK-L-49 IQBAL BALOCH
COLONY ORANGI TOWN KARACHI. (S.H: ELECTRIFICATION WORK)**

S.#	Item of Work	Qty	Rate	Unit	Amount
SH- ELECTRIFICATION INTERNAL & EXTERNAL					
ITEM BASED ON S/R					
1	Wiring for light, fan or call bell point with (3/.029") PVC insulated wire in 20 mm ² , (3/4") dia uPVC conduit recessed in the wall column, roof i/c 1mm ² single core PVC insulated wire as ECC as required. (2-3-1)	54 Point		Point	
2	Wiring for two way light point with (3/.029") PVC insulated wire in 20 mm (3/4")dia PVC conduit recessed in the wall, column, roof, including 1mm ² , single core PVC insulated wire as ECC as required. (2-3-3)	1 Point		Point	
3	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) (2-66-2)	2 Nos.		Each	
4	Wiring for plug point with (3/.029") PVC insulated wire in 20 mm (3/4")dia uPVC conduit recessed in the wall and partly on surface, including 1mm ² , single core PVC insulated wire as ECC as required. (2-5-3)	18 Point		Point	
5	Providing & fixing flush type 6 Amps 3-Pin combine double switch & socket unit (Universal) fitted on existing / given all kind of sheet or board sheet including connection as required. (2-63-7)	9 Nos.		Each	
6	Providing & fixing flush type 15 Amps 3-Pin combine switch & socket unit (Power plug) fitted on existing / given all kinds of sheet or boards including connection as required. (2.63.8)	9 Nos.		Each	
7	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) (2-66-01)	54 Nos.		Each	
8	Providing & fixing 10/15 Amps Polycarbonate flame retardant 2 pin schuko socket unit (GR-Earth pin) with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(Schneider / Philips) (2-66-7)	14 Nos.		Each	

9	Providing & fixing Polycarbonate flame retardant, fan dimmer with plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required. (Schneider / Philips) (2-66-11)	12 Nos.	Each
10	Providing & fixing 6 to 32 Amps, DP MCCB fixed on metal board recessed in the wall duly covered with fiber sheet, i/c inter-connection as required. (2-72-1)	10 Nos.	Each
11	Providing & fixing 6 Amps plastic ceiling rose on PVC Round block/Round Cover fitted on surface including connection as required. (2-67-2)	12 Nos.	Each
12	Supply & fixing 30mm (1½") dia uPVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required. (2-61.3)	100 Rft	P.Rft
13	Providing and fixing Earthing set with 2'x2'x1/4" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (with salt and charcoal, or Earthing chemical Powder) etc making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) i/c fixing of 8 SWG copper wire in 1/2 " G.I conduit complete in all respect as required. (3-8-2)	1 Job	P.Job
14	Providing & fixing 3"x4"x5" size (14 SWG) thick recessed type fan clamp box with 1/2" dia MS bar fan clamp fixed in roof at casting time as required (2.87.6)	12 Nos	Each
15	Providing & installing 140 Cm (56") sweep ceiling fan with blades, canopy, standard length of down rod including connection with 14.0076" flexible wire complete as required. (without regulator) Millat/Pak/Younas/Royal GFC. (2-80-3)	12 Nos.	Each
16	Providing & installing 25 Cm (10") 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/GFC/Younas/ Royal. (2-83-1)	4 Nos.	Each
17	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 fitted on surface as required.(2-20-2)	400 Rft	P.Rft

18 Wiring for sub-main with 2x 4 mm², PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20 mm (3/4") dia uPVC conduit fitted on surface as required.(2-20-3)

80 Rft

P.Rft

19 Wiring for sub-main with 2x 6 mm², PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 25 mm (1") dia uPVC conduit fitted on surface as required.(2-20-4)

80 Rft

P.Rft

20 Supply & drawing of 10 mm², single core, PVC insulated wire in all kinds of existing or given conduit/cable duct as required.(2-26-5)

80 Rft

P.Rft

21 Providing, installation, testing & commissioning of recessed / surface mounted LED Panel including driver having warm / neutral white / cool white colour, 80-100 lm/watts efficiency 0.9 or above power factor 20000-25000 hours life cycle, including connection complete in all respect as approved by the Engineer incharge (2.78.2)

32 Nos

Each

b) 36 watts (1 ft x 4 ft)

Total Rs

ITEM BASED ON M/R

1 Providing & installing of wall mounted distribution board fabricated with 16 SAWG MS sheet duly powder coated hine type front door wit hocking arrangement suitable for 4 wire 400 volts operation with following accessories as under (DB)

IN-COMING:

a) 1-50 Amps TP MCCB

B) 1-16 Amps DP MCCB

OUT-GOING:

a) 41-6 to 32 Amps SP MCB


The cost including interconnection, testing, cable glands & transportation etc

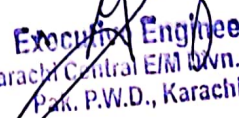
1 Job

P.Job

Total Rs.

Dispensary may 2022


Assistant Executive Engineer
Karachi Central E/M Division No.1
PAK. P.W.D., KARACHI


Executive Engineer
Karachi Central E/M Divn. No.1
PAK. P.W.D., Karachi