



PROVINCIAL ASSEMBLY OF SINDH

**BIDDING DOCUMENT
(VOLUME – II)**

BILL OF QUANTITIES

**MAINTENANCE OF EQUIPMENT OF OLD AND NEW
BUILDINGS OF
PROVINCIAL ASSEMBLY OF SINDH, KARACHI**

(SINGLE STAGE TWO ENVELOPE BIDDING PROCEDURE)

**SECRETARY
PROVINCIAL ASSEMBLY OF SINDH
COURT ROAD KARACHI**

**MAINTENANCE OF EQUIPMENT OF OLD AND NEW BUILDINGS OF
PROVINCIAL ASSEMBLY OF SINDH, KARACHI**

Scope of Work:

To provide Technical Staff & qualified Engineers, expert in their field of work, for complete Repair & Service to operate all equipments installed in Sindh Assembly Building, Karachi.

For all minor type repair with parts will be responsibility of the contractor to get it done under the qualified engineers.

In case of any **un-repairable** big fault occurred in any machinery, Sindh Assembly will either provide / supply required spare parts / machinery / Equipment or reimburse / pay the contractor separately for the cost of that particular parts / machinery procured by the Contractor, installation & maintenance will be the responsibility of the contractor.

Therefore, it will be the responsibility of the contractor to provide qualified Engineers, Technicians & Operators for complete repair, operation of items mentioned in BOQ. The contractor will submit the Total quotation (per month x 12 months).

Letter of Price Bid

(to be submitted on the letterhead of the bidder separately with financial)

Date:

To

.....
.....
.....

SUB:

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda issued in accordance with Instruction to Bidders (IB) 9;
- (b) The total price of our Bid, excluding any discount offered in item (c) below is:
- (c) The discount offered and the methodology for their application are:
- (d) Our Bid shall be valid for a period of 148 days from the fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- (e) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (f) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed and we do hereby declare that the bid is made without any collusion, comparison of figures or arrangement with any other bidder for the works.
- (g) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (h) We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith in accordance with IB.11.1 of the Bidding Data Sheet.
- (i) If awarded the contract, the person named below shall act as Contractor's Representative.

Name

In the Capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

Address

BILL OF QUANTITY

MAINTENANCE OF EQUIPMENT OF OLD AND NEW BUILDINGS OF PROVINCIAL ASSEMBLY OF SINDH, KARACHI

Sr. No.	Name of Work	Technical Staff	Staff (Nos.)	Job	Amount (Rs.)
01	Sub-Station: Gensets 3 Nos. 1250kva, 800kva & 200kva Gensets Distribution Panel 475kvr Power Factor Plant Transformer 1650kva 1 No. HT Panels 3 Nos., LT Panel 1 No. & ATS Panel No. 400A TP MCCB Panel for Fire Fighting Pump Room	B.E Engineer Associate Engineer (D.A.E) Technician Helper Watchmen	1 1 2 2 2	1	
02	HVAC covered area 750000 Sft: Chiller 3 Nos. Cooling Tower 2 Nos. Pump 12 Nos. AHU 29 Nos. Exhaust Fans 29 Nos. Fan Coil 109 Nos. Floor Standing AC Units 2 Ton 7 Nos. Split AC Units 1.5 & 2 Ton 55 Nos.	B.E Engineer Associate Engineer (D.A.E) Technician Pump Fitter Electrician Helper Watchmen	1 3 2 1 1 1 1	1	
03	BOSCH DCN System at main assembly hall Public Address System complete building Conference System at Auditorium 1 No. Conference System at Committee Rooms 4 Nos.	B.E Engineer Associate Engineer (D.A.E) Technician Helper Peon	1 3 2 1 1	1	
04	I.T Networking I.T Rooms 10 Nos. Data Centre 1 No.	B.E Engineer Associate Engineer (D.A.E) Technician Helper Peon	1 4 4 3 1	1	
05	Bus Riser 1500A 4-Pole (70'ft height) 1 No. Distribution Boards 73 Nos.	B.E Engineer Associate Engineer (D.A.E) Technician Helper	1 2 3 3	1	
06	UPS 30kva, 20kva & 10kva 19 Nos.	Technician Helper	1 1	1	
07	Internal LED Lights 7273 Nos. External LED Lights 1214 Nos.	Electrician/ Technician Helper	1 2	1	

Sr. No.	Name of Work	Technical Staff	Staff (Nos.)	Job	Amount (Rs.)
08	LED Video Wall Screens 2 Nos. LED Smart TVs 75" - 60" - 55" & 40" 55 Nos. Total cost of this item Rs. 40.0 M	As per Annual Agreement Helper	1 1	1	
09	Elevators/Lifts 7 Nos. Escalator 1 No. Walkthrough Gates 4 Nos.	Technician Helper	1 5	1	
10	Boom Lift for Internal (Hall) and External Glass cleaning	Technician Operator Helper	1 1 1	1	
11	Building Management System (BMS) Connecting all equipments of Building	B.E Engineer Associate Engineer (D.A.E) Technician Helper	1 1 2 1	1	
12	BOSCH CCTV Cameras 121 Nos. Control Room 1 No.	B.E Engineer Associate Engineer (D.A.E) Technician Helper Peon	2 3 3 2 1	1	
13	Fire Fighting System covered area 750000 Sft	Associate Engineer (D.A.E) Technician Helper Peon	2 2 2 1	1	
14	Fire Suppression System at Data Centre	Associate Engineer (D.A.E) Technician Helper	1 1 1	1	
15	Fire Alarm System covered area 750000 Sft	Associate Engineer (D.A.E) Technician Helper Watchmen	2 1 1 1	1	
16	Lightening Arrester System	Technician Helper	1 1	1	
17	Water Supply (Plumbing) All pumping system at Sub-Station	Associate Engineer (D.A.E) Technician Helper Watchmen	2 2 2 1	1	
18	Wooden & Floor Polish with Material	Associate Engineer (D.A.E) Supervisor Carpenter	1 2 1 2	1	

Sr. No.	Name of Work	Technical Staff	Staff (Nos.)	Job	Amount (Rs.)
		Helper Painter	2		
19	Labour for General Cleaning	Supervisor Labour	5 20	1	
	Total of One (01) Month Rs.				
	Total of Twelve (12) Months (Total of 1 month x 12) Rs.				

Appendix-A

SPECIAL STIPULATIONS

1.	Engineer's Authority to issue Variation in Emergency	2% of the Contract Price stated in the Letter of Acceptance
2.	Amount of Performance Security	10% of Contract Price stated in the Letter of Acceptance
3.	Time for Furnishing Programme	Within 42 days from the date of receipt of Letter of Acceptance.
4.	Time for Commencement	Within 14 days from the date of receipt of Engineer's Notice to Commence which shall be issued within fourteen (14) days after signing of Contract Agreement.
5.	Time for Completion	12 Months (1 Year as per Contract Agreement)
6.	a) Amount of Liquidated Damages	0.1 percent of Contract Price for each day of delay in completion of the Works subject to a maximum of 10% of Contract Price stated in the Letter of Acceptance.
	b) Amount of Bonus	Not Applicable. No bonus for early completion is payable.
7.	Percentage of Retention Money	Not Applicable
8.	Minimum amount of Interim Payment Certificates (Running Bills)	As per Every Month
9.	Time of Payment from delivery of Engineer's Interim Payment Certificate to the Employer.	07 days after such Interim Payment Certificate has been jointly verified by Employer and Contractor.
10.	Income Tax	As per rule

Forms

BS-1

**BID SECURITY
(Bank Guarantee)**

Security Executed on _____

(Date)

Name of Surety (Bank) with Address: _____

(Scheduled Bank in Pakistan)

Name of Principal (Bidder) with Address _____

Penal Sum of Security Rupees _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto _____

(hereinafter called the 'Employer') in the sum stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Bidder has submitted the accompanying Bid dated _____ for Bid No. _____ for _____ (Particulars of Bid) to the said Employer; and

WHEREAS, the Employer has required as a condition for considering said Bid that the Bidder furnishes a Bid Security in the above said sum from a Scheduled Bank in Pakistan or from a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan, to the Employer, conditioned as under:

- (1) that the Bid Security shall remain in force up to and including the date 28 days after the deadline for validity of bids as stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Surety is hereby waived;
- (2) that the Bid Security of unsuccessful Bidders will be returned by the Employer after expiry of its validity or upon signing of the Contract Agreement; and
- (3) that in the event of failure of the successful Bidder to execute the proposed Contract Agreement for such work and furnish the required Performance Security, the entire said sum be paid immediately to the said Employer pursuant to Clause 15.6 of the Instruction to Bidders for the successful Bidder's failure to perform.

NOW THEREFORE, if the successful Bidder shall, within the period specified therefore,

on the prescribed form presented to him for signature enter into a formal Contract with the said Employer in accordance with his Bid as accepted and furnish within twenty eight (28) days of his being requested to do so, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Employer for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Surety shall forthwith pay the Employer the said sum upon first written demand of the Employer (without cavil or argument) and without requiring the Employer to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Employer by registered post duly addressed to the Surety at its address given above.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Bidder) has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Surety shall pay without objection the said sum upon demand from the Employer forthwith and without any reference to the Principal (Bidder) or any other person.

IN WITNESS WHEREOF, the above bounden Surety has executed the instrument under its seal on the date indicated above, the name and seal of the Surety being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

SURETY (Bank)

WITNESS:

1. _____

Corporate Secretary (Seal)

2. _____

Name, Title & Address

Signature _____

Name _____

Title _____

Corporate Guarantor (Seal)

**FORM OF PERFORMANCE SECURITY
(Bank Guarantee)**

Guarantee No. _____
Executed on _____
Expiry date _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with address: _____
(Scheduled Bank in Pakistan)

Name of Principal (Contractor) with address: _____

Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____ (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 49, Defects Liability, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing

shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

Name, Title & Address

Guarantor (Bank)

Signature _____

Name _____

Title _____

Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the ____ day of _____ (month) 20____ between _____ (hereafter called the "Employer") of the one part and _____ (hereafter called the "Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works, viz _____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (i) The Contract Agreement;
 - (ii) The Letter of Acceptance;
 - (iii) The completed Form of Bid (letter of Technical Bid and Letter of Price Bid);
 - (iv) Addendum / Corrigendum, if any;
 - (v) Special Stipulations
 - (vi) The priced Bill of Quantities
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Forms

CA-2

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

Signature of Employer

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)