

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY
CONTRACT EVALUATION FORM

①

1	NAME OF THE ORGANIZATION	Project Directorate, Shaheed Mohtarma Benazir Bhutto Towns In Sindh
2	PROVINCIAL / LOCAL GOVERNMENT / OTHER	Board of Revenue, Government of Sindh.
3	TITLE OF CONTRACT	Construction of Entrance gate & Site Office of Benazir Town, Hyderabad
4	TENDER NO	(CONTRACT PACKAGE NO: SMBBT/HYD/BLD-001.)
5	BRIEF DESCRIPTION OF CONTRACT	As Above
6	FORUM THAT APPROVED THE SCHEME	PDWP, GOS
7	TENDER ESTIMATED VALUE	Rs. 19,878,456/-
8	ENGINEERING ESTIMATE (FOR CIVIL WORKS ONLY)	Rs. 19,878,456/-
9	ESTIMATED COMPLETION PERIOD	300 days
10	TENDER OPENED ON (DATE & TIME)	5/8/2012
11	NUMBER OF TENDER DOCUMENTS SOLD (ATTACH LIST)	Four (04) Nos
12	NUMBER OF BIDS RECEIVED	Four (04) Nos
13	NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING	Four (04) Nos
14	BID EVALUATION REPORT (ATTACH A COPY)	Copy attached
15	NAME & ADDRESS OF THE SUCCESSFUL BIDDER	M/s. A Rahim K & Co. House No: 45, Umair Town, Madel Colony, Karachi
16	CONTRACT AWARD PRICE	Rs. 19,904,278/-
17	RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e 1 st , 2 nd , 3 rd EVALUATED BID)	1 st Lowest Evaluated Bid
18	METHOD OF PROCUREMENT a). SINGLE STAGE ONE ENVELOPE PROCEDURE b). SINGLE STAGE TWO ENVELOPE PROCEDURE c). TWO STAGE BIDDING PROCEDURE d). TWO STAGE TWO ENVELOPE PROCEDURE	Single stage one envelope (Local)

19	APPROVING AUTHORITY FOR AWARD OF CONTRACT	Project Director, SMBBT
20	WHETHER PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN	Yes
21	ADVERTISEMENT SPPRA WEBSITE NEWSPAPERS	SPPRA ID No. 13508/2012 Daily Dawn, Jang and Kawish Dated: 25-7-2012
22	NATURE OF CONTRACT	Domestic/Local
23	WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING DOCUMENTS?	Yes Copy Enclosed
24	WHETHER EVALUATION CRITERIA BID WAS INCLUDED IN BIDDING DOCUMENTS?	Yes Copy Enclosed
25	WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN COMPETITIVE BIDDING?	Open Competitive Bidding Method was used
26	WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?	Yes
27	WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID/BEST EVALUATED BID?	Yes
28	WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?	Yes
29	WHETHER THE NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?	Yes
30	WHETHER EVALUATION REPORT WAS GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?	Yes Copy Enclosed
31	ANY COMPLAINT RECEIVED	No
32	ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS	No
33	WAS THE EXTENSION MADE IN RESPONSE TIME?	No
34	ANY DEVIATION FROM QUALIFICATION CRITERIA	No
35	WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?	Yes
36	WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIERS PREMISES IN CONNECTION WITH THE PROCUREMENT? DETAILS TO BE ASCERTAINED REGARDING FINANCES OF VISIT IF ABROAD	No

3

37	WERE PROPER SAFEGUARD PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC)	On submission of Bank Guarantee from Schedule Banks of Pakistan
38	SPECIAL CONDITIONS IF ANY	No
39	DATE OF AWARD OF CONTRACT	December 31, 2012
40	SIGNATURE & OFFICIAL STAMP OF AUTHORIZED OFFICER	

FOR OFFICE USE ONLY


Executive Engineer (PIC-II)
SMBBR (Board of Revenue)
Govt. Of Sindh Karachi

LIST OF CONTRACTORS PARTICIPATED

4

Construction of Entrance gate & Site Office of Benazir Town, Hyderabad CONTRACT
PACKAGE NO: SMBBT/HYD/BLD-001.).

DATE OF OPENING: 05-08-2012

- | S.# | Name of Participated. |
|-----|----------------------------------|
| 1 | M/s Abdul Rahim Khan & Company |
| 2 | M/s Allied & Business proprietor |
| 3 | M/s R.K Construction Company |
| 4 | M/s Lal Khan & Bugti. |



Executive Engineer (P/C-II)
EXECUTIVE ENGINEER P/C-II
SMBBR (Board of Revenue)
Govt. Of Sindh Karachi

SHAHEED MOHTARMA BENAZIR BHUTTO TOWNS SINDH
OFFICE OF THE EXECUTIVE ENGINEER (SMBBT)
1ST FLOOR, APOLO CENTRE, ADJECENT TO BEHERIA GRAYVEYARD
MAIN DALMIA ROAD, Karachi. Phone:021-9230985

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No. EE/SMBBT/HYD/BLD-001/2012/51 Dated: 07/09/2012.

The Director (CB),
SPPRA Govt. of Sindh,
Karachi- 75400.

7/9/12
Sindh Public Procurement
Regulatory Authority
Block-8, 4-A,
Sindh Secretariat Karachi

SUBJECT: BID EVALUATION REPORT FOR THE WORK OF CONSTRUCTION OF
ENTRANCE GATE & SITE OFFICE OF BENAZIR TOWN, HYDERABAD
CONTRACT NO: BLD-001.

I am directed to enclose herewith Bid Evaluation Report for the subject work to award the lowest bidder M/s Abdul Rahim K & Co.

You are therefore, requested to upload the bid evaluation report at your web site as per SPPRA 2010 requirement.


Executive Engineer P/C-II
Shaheed Mohtarma Benazir Bhutto Town

Copy to:

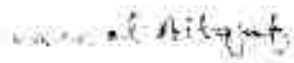
1. The Chief Engineer, SMBBT.
2. The Superintending Engineer, SMBBT.
3. PS to the Director General, SMBBT.

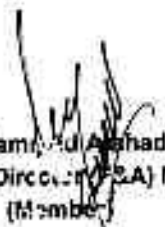
BID EVALUATION REPORT.

- 1 Name of Procuring Agency. **SHAHEED MOHTARMA BENAZIR BHUTTO TOWNS SINDH.**
- 2 Tender Reference No: **SMBBT/HYD/BLD-001**
- 3 Tender Description / Name of Work / Item. **CONSTRUCTION OF ENTRANCE GATE & SITE OFFICE OF BENAZIR TOWN, HYDERABAD.**
- 4 Method of Procurement. **Single stage one envelope SPPRA- Rule 2010 46(1).**
- 5 Tender Published. **Dawn, Jang, Kawish dt: 25-7-2012.
SPPRA ID 13508 dt. 25-7-12**
- 6 Total Bid Documents. **Four (04) Nos:**
- 7 Total Bid Received. **Four (04) Nos:**
- 8 Technical Bid Opening date: (if applicable). **N/A**
- 9 No. of bid technically qualified (if applicable): **N/A**
- 10 Bid(s) Rejected. **N/A**
- 11 Financial Bid Opening date: **15-08-2012**
- 12 Bid Evaluation Report.

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S.No	Name of Firm of Bidder	Cost of offered by the Bidder.	Ranking in Terms of Cost.	Comparasion with Estimated Cost.	Reasons for Acceptance / rejection.	Remarks.
0	1	2	3	4	5	6
1	M/s Abdul Rahim K & Co	19,904,278	1st Lowest.	0.13%	Accepted.	Being the 1st Lowest.
2	M/s Allied & Busniss Proprietor.	20,013,237	2nd Lowest.	0.68%	Rejected	Being the 2nd Lowest.
3	M/s R.K Construction Co.	20,155,956	3rd Lowest.	1.40%	Rejected	Being the 3rd Lowest.
4	M/s Lal Khan & Bugti.	Not Quoted.	Not Quoted.	Not Quoted.	Rejected	Not Quoted.


Muhammad Qaiser
Executive Engineer, Gujistan-e-Johar
(Member)


Muhammad Ashad
Deputy Director (F & A) MDA
(Member)


Abdul Hafiz Mughal
Executive Engineer (SMBCT)
Member


Shafiq Ali
Deputy Director (F & A) SMBBT
Member/ Secretary


Agha Shafique
Director (F & A) SMBBT
Chairman Procurement Committee (Financial)



OFFICE OF THE EXECUTIVE ENGINEER (P/C-II)
SHAHEED MOHTARMA BENAZIR BHUTTO TOWNS
1st floor, Apollo centre, near Bahria University, Stadium road, Main Dalmia road,
Karachi. phone:021-99240255

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No. EE/SMBBT/(P/C-II)HYD/BLD-001/2012/168

Dated: 31 / 12 / 2012.

M/s. A Rahim Khan & Co.,
House No: 45, Umair Town, near Military Farm,
Model Colony, Karachi

LETTER OF COMMENCEMENT.


SUBJECT: TENDER FOR THE WORK OF "CONSTRUCTION OF ENTRANCE GATE & SITE OFFICE" OF BENAZIR TOWN, HYDERABAD. (CONTRACT PACKAGE NO: SMBBT/HYD/BLD-001).

With reference to the letter of acceptance for the above noted work at a cost of Rs. 19,904,278/- (Rupees One Crore Ninety Nine Lac Four Thousand two Hundred Seventy Eight only) issued vide this office letter No: EE/EE/(P/C-II)/SMBBT/HYD/BLD-001/2012/54 dated: 18-09-2012, you are requested to make immediate arrangement to start the work within (14) Fourteen days from the date of issue of this letter and complete the same within the period stipulated for completion of work in the tender documents i.e. (300) days.

Please note that the work should be carried out strictly in accordance with the drawing, design, specifications, term & conditions agreed to as per contract agreement of above mentioned work.

The Execution of work and quality control shall be supervised by the consultant and payment towards work done shall be released after verification of bills by the consultant.

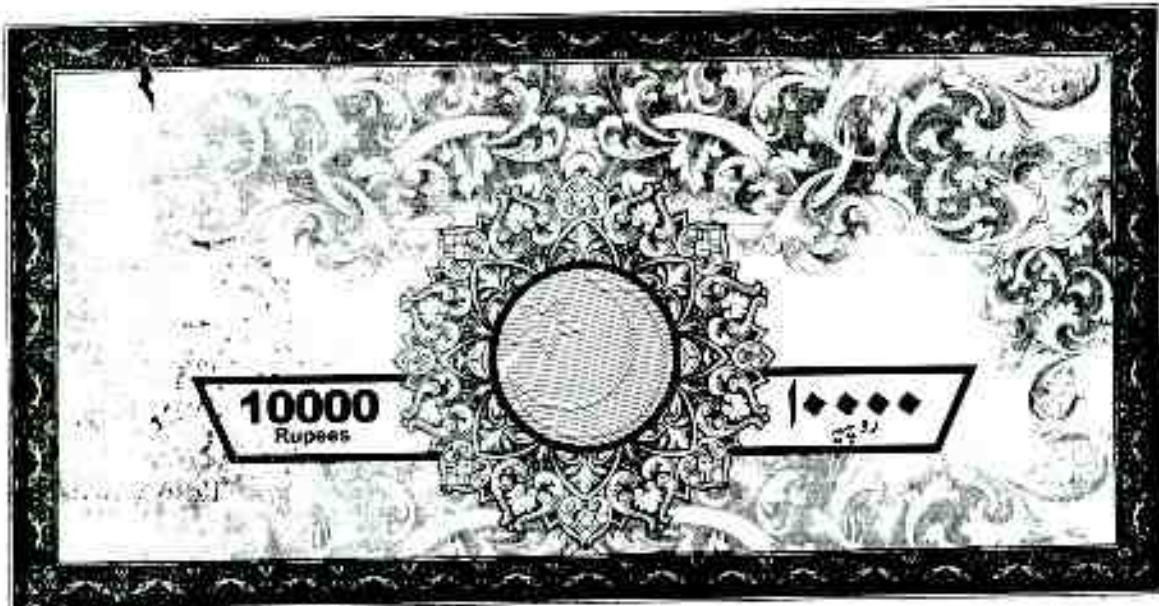
In case, you failed to commence the work within (14) fourteen days from the date of issue of this letter, action under the relevant clauses of the contract agreement shall be initiated against you.


31/12/2012
Executive Engineer (P/C-II)
SMBBT, GOS.

Copy forwarded for information to:

1. The Director (F &A), SMBBT.
2. The Chief Engineer, SMBBT.
3. The Superintending Engineer, SMBBT.
4. The Resident Engineer of M/s, EA Consultant to handover the site to the contractor.
5. The Assistant Executive Engineer, SMBBT, for necessary action.
6. P.S to the Project Director, SMBBT.

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Mr. A. Rajaram Reddy
16/11/12
14/11/12
14/11/12

(Page: no 3)

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

Signature of the Contractor

Signature of the Procuring Agency

(Seal)

(Seal) SMS

Signed, Sealed and Delivered in the presence of:

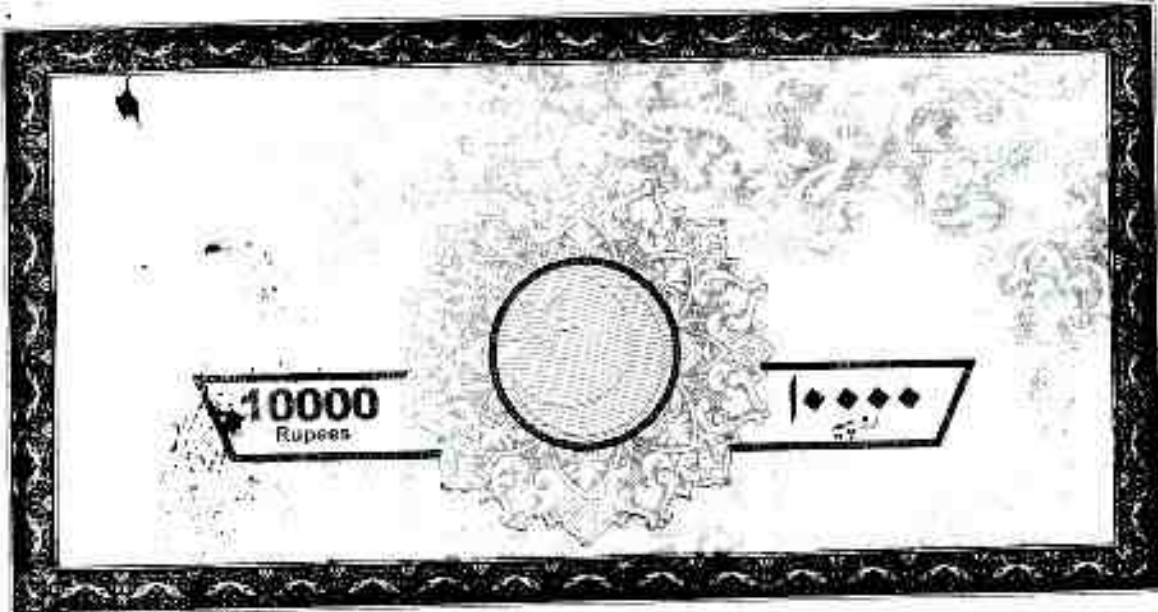
Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

13



14 25.11.2012
269 25.11.2012
25.11.2012

CONTRACT AGREEMENT

"CONSTRUCTION OF ENTRANCE GATE & SITE OFFICE OF SHAHEED MOHTARMA BENAZIR BHUTTO TOWN, HYDERABAD. (CONTRACT NO: BLD-001)"

BILL OF QUANTITIES

GRAND SUMMARY

(14)

ITEM REF.	DESCRIPTION	AMOUNT (Rs.)
A	CIVIL WORKS	
	Site office	2453831/=
	Gate office	1712927/=
	Generator and Guard Room	402612/=
	Under Ground Tank	237659/=
	Boundary Wall Along with Site office	465223/=
	Total-A	5272253/=
B	PLUMBING WORKS	
	Site office and Gate office	1208283/=
	Total-B	1208283/=
C	ELECTRICAL WORKS	
	Site office, Generator and Guard Room	3039345/=
	Total-C	3039345/=
D	EXTERNAL WORKS	
	Road Works	1018298/=
	Boundary Wall	20568/=
	Screen Wall	15553/=
	Total-D	1033549/=
	Total (A+B+C+D)	19855299/=
TOTAL COST OF THE PROJECT		19855299/=

Contract Amount in words
 Rs. one crore ninety eight lac Fifty five thousand two hundred ninety nine only



Executive Engineer (P/C-II)
 SMBBR (Board of Revenue)
 Govt. Of Sindh Karachi


Executive Engineer (P/C-II)
 SMBBT (Board of Revenue)
 Govt. Of Sindh, Karachi

CONTR. *[Signature]* *[Signature]*

Civil Works

CONTR.  
E.E.


Executive Engineer (P.C-II)
SMBBR (Board of Revenue)
Govt. Of Sindh Karachi


Executive Engineer (P.C-II)
SMBBR (Board of Revenue)
Govt. Of Sindh Karachi



DWL WORKS

Sr. No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (RS.)	AMOUNT
		All items under this head to be carried out as per specifications, Drawing, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.				
		EARTHWORK				
1	18.6 & 117 P.5 10000 Part II	Excavation in foundation of building, bridges and other structures including flagging, dressing, refilling, sloping structure with (or) without excavated earth, watering, ramming, complete and disposal of surplus excavated material (redistributed area 1/2 of least & 1/4 etc. Complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer	1.001	100 CH	3698/-	12578.00
		1) In Ordinary Soil	1.134	100 CH	4143/-	4699.00
2	127-3-10000 Part II	Filling, watering and ramming earth under floor with new earth excavated from outside and within one chain and 1/4 with 3 feet	1.150	100 CH	4212/-	6145.00
		CONCRETE WORKS				
3	18.1, 117-18-10000 Part II	Cement concrete slabs including placing, compacting, finishing and curing, complete including screeding and washing of stone aggregate without shuttering	980	SQ FT	12225	118091.00
		1) below foundation, girder beam and floor etc. (Rate 1.4.8)	801	SQ FT	14155	85354.00
		2) foundation (Rate 1.3.6)				
		MOISTURE PROTECTION				
4	127-11-10000 Part II	Damp proof course with cement sand and shingle concrete (1:2:6) including 2 coats of asphalt mastic, complete in all respects, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer	240	SQ FT	4020	9647.00
		1) 2" thick				
		TERMITE PROOFING				
5	57-11-10000 Part II	Providing Anti termite treatment by spraying/soaking/creeping Neptach at 2.5% solution as an over all preconstruction treatment in slab type construction under the slab and using strach, porches or lanterns etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Roof area will be measured one time for payment whereas the number of applications will be three times on all horizontal & vertical surfaces of the exposed one for termite proofing)	1.160	Per Sq	12	16058.00
		REINFORCED CEMENT CONCRETE (SUPER STRUCTURE)				
6	18.2, 17-18, 29-10000 Part II	Reinforced cement concrete work including all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate and includes all ends of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface, including screeding and washing of slabs, RC work in roof slab, beams, columns, girders and other structural members, cast in situ or precast laid in position complete in all respects (Rate 1.2.2) 20 lbs cement, 20% sand, 3CH shingle 1/8" to 1/4" weight complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Rate 1.2.4)	217	Per CH	323	70009.00
		i) Roof Beams, Girder & Slab	607	Per CH	323	215129.00
		ii) Roof Slab				



SMBBT (Board of Revenue) Govt. of Sindh, Karachi

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SMBBT (Board of Revenue)
Govt. Of Sindh, Karachi

Executive Engineer (PIC-II)
SMBBT (Board of Revenue)
Govt. Of Sindh, Karachi

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Sr. No.	ITEMS REF./PAGE No.	DESCRIPTION	QTY	UNIT	RATES (RS.)	AMOUNT
		REINFORCEMENT				
7	310/P-22 Vol III Part II	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making splices and lacing, including cost of binding wire, also includes removal of rust from bars. (ii) Using For Bars (Reinforcement) of Super-Structure	11	Per Cwt	7846	243286
		MASONRY WORK				
		Brick Masonry work				
8	402/P-24 Vol II, Part II	Provide and laying Face Brick work masonry wall of all thickness set in 1:4 cement sand mortar in foundation and plinth including raking out joints & curing etc. complete in all respects, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	1.105	S. CH	11745	129785-
9	311/P-25 Vol II, Part II	Provide and laying Face Brick work masonry wall of all thickness set in 1:4 cement sand mortar in ground floor super-structure including raking out joints & curing etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	2.003	S. CH	12594	256269
		METAL WORKS				
		ALUMINIUM WORK				
10	84/P-15 Vol II, Part II	Supplying & fixing in position aluminium frames for sliding windows & ventilators of Anon made with 5mm thick nickel glass glazing (including) & aluminium fly screen (if needed) supports & locking arrangements etc. complete in all respects, as per drawings and specifications and entire satisfaction of Engineer. (a) Double Mode (ii) Open able Windows / Ventilator	167	Sq	1784	292543-
		ROOF SCREENING AND WATERPROOFING				
11		Provide and lay roof treatment over roof & skirting as per specifications and shown in drawings and details consisting of following items:				
12	13/P-41 Vol II Part II	Two coats of bitumen laid hot using 14 lbs. tar 15 ft over roof and bonded with sand at one 11 per 15 ft	1.134	S. SQ	1220	16279
13	38/P-44 Vol II Part II	Providing and laying single per layer of polythene sheet 11.13mm thick for water proofing as per specification and instruction of engineer in charge	1.134	Sq SQ	10	13742
14	16/P-47 Vol II Part II	Providing and laying 1" thick toping cement concrete (1:2:4) including surface finishing and curing into pores. (d) 1" thick (1:2:4) sand screeding	1.134	S. SQ	5151	69318
		WOODEN WORKS (DOORS WINDOWS & VENTILATORS)				
15	52/P-73 Vol II Part II	Providing and fixing in position doors windows & ventilators for first class deodar wood frames and 1 1/2" thick teak wood ply sheathing of second class deodar wood skeleton (spindles and rails) core of teak wood and teak ply wood (3-ply) on both sides w/ hold fast, hinges, iron lower bolts, handles and cleats with cord (at any floor & height) etc. complete in all respect as per drawing and specifications and to the entire satisfaction of the Engineer (Except painting).	111	Per Sq	950	285915
		PAINTING OF WOODEN WORK				
16	41/P-76 Vol II, Part II	Providing and applying enamel coating first & subsequent coat as possible doors, windows & ventilators any type for any floor & height etc. complete in all respect as per drawing and specifications and to the entire satisfaction of the Engineer.	0.28	SQ FT	1558	9392

SMBBTT (Board of Revenue)

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SMBBT (Board of Revenue)
Govt. Of Sindh, Karachi

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SMBBR (Board of Revenue)
Govt. Of Sindh, Karachi

CONTR.

18

Sl. No.	ITEMS REF. PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
INTERNAL FINISHES (FLOORING)						
16	17/1/52 Vol-II, Part-I	Providing and laying mosaic tiles of grey cement size 12" x 12" x 1/2" of approved shade laid flat in 1:2 white cement mortar over bed of 3/4" thick lime mortar (or cement mortar) etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and skirting)	961	SQ. YD.	9195	88364
17	17/1/52 Vol-II, Part-I	Providing and applying mechanical polishing or sealing mosaic marble flooring/stone/terrazzo, including grinding & honing with compound diamond stones and covers and applying them by power or hand equipment etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and skirting)	601	47	46200	
18	10/2/53 Vol-II, Part-I	Providing and laying tiles glazed 9"x9"x1/4" on floor or wall facing in required colour and pattern of tile or approved equivalent specifications set in 1:2 white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling up joints with slurry of white cement and pigment in desired shade with finishing cleaning and top of wall polish including cutting tiles to proper profile etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and wall)	331	SQ. YD.	48369	160103
INTERNAL FINISHES (WALL)						
19	13/1/70 SR Vol-II, Part-I	Providing and applying 3/4" thick cement plaster over 20' height on wall, columns, beams, chajjas etc. with cement mortar 1:6 including all corners, recesses, joints, taking out joints of masonry, scaffolding, making drip courses, curing etc. using 9" wide heavy duty metal form and nailed at junction of RCC & masonry, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	1695	SQ. YD.	2006	73331
20	10/2/53 Vol-II, Part-I	Providing and applying in painting the surface and priming with good emulsion paint of approved make including the surface with sand paper, filling the voids with stucco mortar of parts and true painting (1:1 coat 1:10 & subsequent coats) etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	3054	SQ. YD.	1938	70840
INTERNAL FINISHES (CEILING)						
19	13/1/70 SR Vol-II, Part-I	Providing and applying 1 1/2" thick cement plaster over 20' height on wall, columns, beams, chajjas etc. with cement mortar 1:6 including all corners, recesses, joints, taking out joints of masonry, scaffolding, making drip courses, curing etc. using 9" wide heavy duty metal form and nailed at junction of RCC & masonry, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	1088	SQ. YD.	1504	16362
20	13/1/70 SR Vol-II, Part-I	Providing and applying 3/4" thick cement plaster over 20' height on wall, columns, beams, chajjas etc. with cement mortar 1:6 including all corners, recesses, joints, taking out joints of masonry, scaffolding, making drip courses, curing etc. using 9" wide heavy duty metal form and nailed at junction of RCC & masonry, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	1127	SQ. YD.	2006	42574



Executive Engineer (P/C-II)
SMBR (Board of Revenue)
Govt. Of Sindh, Karachi

Executive Engineer (P/C-II)
SMBR (Board of Revenue)
Govt. Of Sindh, Karachi

Signature
E.E.

CONTR.

BILL OF QUANTITIES

FORM WORKS

19



Sr. No	ITEMS REF. PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
11	13, 24a Part II, Section 10, Part II	Providing and plastering 1st coat, 2nd & 3rd coats of finished plaster over and including a coat of priming thick plaster over plastered surface at any height in any floor including preparation of surface, filling depression with putty, rubbing, sand papering and cleaning etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	1,088	Sq. M	1924	20937
12	18, 2, 5, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	Providing and applying masonry the surface and pointing with weather coat paint of approved make, rubbing the surface with rubbing brick / sand paper, filling the voids with mortar, plaster of paris and then painting 1st coat, 2nd & subsequent coats, etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (New Surface)	2,122	Sq. M	2273	48229
13	10A	Providing and laying stone, using 6" thick non approved quality including hand packing & filling voids with spalls & chips, rammering & compacting with power in hand roller, etc. complete in all respect, as per specifications & relevant drawings and all works to be carried out the satisfaction of the Engineer.	1,088	Sq. M	31	33728
					Total Amount Rs	2453831



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 SMBBT (Board of Revenue)
 Govt. of Sindh, Karachi

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SMBBT/RY/CH/ED-001

CONTR.  

Sr.No	ITEMS REF./PAGE NO	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
		All items under this head to be carried out as per specifications, drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.				
		EARTHWORK				
1	18(B) & (C) P-4.5 Vol-III, Part-II	Excavation in foundations of building, bridges and other structures including dabbelling, dressing, refilling around structure with suitable excavated earth, watering, ramming, complete and disposal of surplus excavated material through graded area up at least 50% etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	853	% CH	3698	3155
		(i) in Ordinary Soil	284	% CH	4143	1177
2	22(C) 5 Vol-III Part-II	Filling, watering and ramming earth under floor with new earth excavated from outside road upto one chain and fill upto 5 feet	275	% CH	4212	948
		CONCRETE WORKS				
3	56(A) P-15 Vol-III, Part-II	Cement concrete plain including placing, compacting, finishing and curing, complete including screening and washing of stone aggregate without shuttering. (Ratio 1:4:8)	92	% CH	12225	11247
		(i) Below foundation, plinth beam and floor etc.	25	% CH	12225	3056
		(ii) Below floor finish				
		REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)				
4	61(C) P-18 (2) Vol-III Part-II	Reinforced cement concrete work including of labour and material except the cost of steel reinforcement and its labour for painting and binding which will be bid separately. This rate also included all kinds of forms, moulds, strutting, curing, rendered and finishing the exposed surface including screening and washing of shingle RC work in raft, slab, beams, columns, raft, links and other structural members and in situ or precast bed in position completed in all respect. Ratio (1:2:4) 90 lbs cement, 300 sand, 400 shingle 1/8" to 1/4" gauge complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Ratio 1:2:4)	205	Per Cft	323	66137
		(i) Footing	140	Per Cft	323	46780
		(ii) Column upto Plinth Level	54	Per Cft	323	20649
		(iii) Plinth Beam				
		REINFORCEMENT				
5	71(A) P-20 Vol-III, Part-II	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars)	25	Per Cwt	7246	172619
		(i) Using Tor Bars (Reinforcement of Sub-Structure)				
		MOISTURE PROTECTION				
6	27(B) P-23 Vol-III, Part-II	Damp proof course with cement sand and shingle concrete (1:2:4) including 2 coats of asphaltic moisture, complete in all respect as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	12	% SF	4020	1296
		(i) 2" Thick				



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BILL OF QUANTITIES

CIVIL WORKS

21

Sr.No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
7	85 (P-115 Vol-III, Part-II)	TERMITE PROOFING Pre-casting Anti-termite treatment by spraying/spraying/brushing/pressure for 2.5% Emulsion on an over all preconstruction treatment in slab type construction under the slab and along all such parties or entrances etc. complete in all respect as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Plyth area will be measured one time for payment whereas the number of applications will be three times on all horizontal & vertical surfaces of the excavations for termite proofing)	87	Per Sq Ft	12	1024
8	89 (P-77 Vol-III, Part-I)	BITUMEN COATING Bitumen coating to plastered or cement concrete surface complete in all respect as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. i) Over-Blinding ii) On structural side and top	128 055	8.50 4.50	531 531	679 5069
9	6(a) (P-18, 19 Vol-III, Part-II)	REINFORCED CEMENT CONCRETE (SUPER-STRUCTURE) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately this rate also includes all kinds of formwork including lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingles) RC work in roof slab, beams, columns, chills and other structural members and in situ or precast action system completed in all respect Ratio (1:2:4) 90 Lbs cement 200 sand 4Ct shingle 1/8" to 1/4" gauge complete in all respect as per specifications & relevant drawings and drawings to the entire satisfaction of the Engineer (Ratio 1:2:4)	210 57 55 434 360	Per Cft Per Cft Per Cft Per Cft Per Cft	323 323 323 323 323	67750 18389 20970 140017 116143
10	21(a) (P-20 Vol-III, Part-II)	REINFORCEMENT Fabrication of mild steel reinforcement for cement concrete including cutting, bending, tying in position, making joints and fastenings including cost of binding wire (and includes removal of rust from bars). iii) Using Top Bars (Reinforcement of Super Structure)	54	Per Cwt	7846	423701
11	35(a) (P-23 Vol-III, Part-II)	MASONRY WORK Brick Masonry walls Provide and lay in Pucco brick work masonry wall of all thickness set in 1:4 cement sand mortar in ground floor super structure including racking out joints & tiling etc. complete in all respect as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	301	Sq Cft	12924	39370

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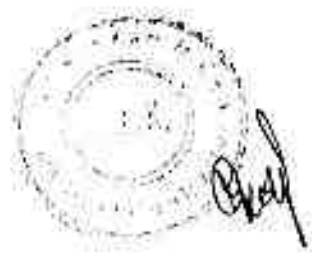
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Sr.No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs)	AMOUNT
		METAL WORKS				
		ALUMINIUM WORK				
12	804/12-14 Vol III, Part-II	Supplying & fixing in position aluminium (thamata) framing for sliding windows & ventilators of Alcon made with 5mm thick tinted glass glazing (Belgium) & aluminium fly screens (i/c handles stoppers & locking arrangement etc. complete in all respect, as per drawings and specifications and entire satisfaction of Engineer.	14	Sq	1784	78492
		a) Deluxe Model d) Coen-able Windows / Ventilator				
		ROOF SCREEDING AND WATERPROOFING				
13	13/11-12 Vol III, Part-I	Provide and lay roof treatment over roof & skirting as per specifications and shown in drawings and details consisting of following items:	130	Sq. M	1220	1586
		Two coats of bitumen laid hot using 3A lbs for 1/2 sq ft over roof and finished with sand at one c/c per 8 sq ft				
14	38/11-14 Vol III, Part-II	Providing and laying single per layer of polythene sheet 0.15mm thick for water proofing as per specification and instruction of engineer in charge	130	Per Sq	10	1339
15	16/11/17-17 Vol III, Part-I	Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and sloping into gullies (i/c) 3" thick (1:2:4) Roof screeding	130	Sq. M	5151	6697
		WOODEN WORKS (DOORS, WINDOWS & VENTILATORS)				
14	37/11-73 Vol III, Part-I	Providing and fixing in position doors, windows & ventilators for first class deodar wood frames and 1-1/2" thick teak wood ply shutters of second class deodar wood skeleton (solid styles and rails core of partial wood and teak ply wood (3-ply) on both sides i/c hold fast, hinges, roller bolts, handles and cleats with core (at any floor & heightlets), complete in all respect as per drawing and specifications and to the entire satisfaction of the Engineer (Except painting)	42	Per Sq	950	37982
		PAINTING OF WOODEN WORK				
15	41/11/11-76 Vol III, Part-II	Painting and applying enamel painting (first & subsequent coats) in position doors, windows & ventilators any type (at any floor & heightlets) complete in all respect as per drawing and specifications and to the entire satisfaction of the Engineer	60	Sq. M	1558	1246
		INTERNAL FINISHES (FLOORING)				
16	45/11-53 Vol III, Part-II	Providing and laying Mosaic Tiles of grey cement size 12" x 12" x 1/2" of approved shade laid flat in 1:2 white cement mortar over bed of 3/4" thick lime mortar (cement mortar) etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and skirting)	30	Sq. M	9195	8276



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EMW WORKS

23

Sl. No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
17	107/55 Vol III Part II	Providing and applying chemical polishing on existing mosaic/marble flooring/doors/windows including grinding with carborundum sand/bond paper and applying chemical polish as per requirement etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and skirtings)	93	PER SQ	47	4233
18	607/55 Vol III Part II	Providing and laying Tiles glazed 6"x6"x1/4" on floor or wall facing as required colour and pattern of site or approved equivalent specified on job painted in white cement and pigment colour and of 1/2" thick cement mortar 1/4" thick including washing and filling up joints with slurry of white cement and pigment in desired shade with finishing cleaning and rest of work polish including curing tiles to proper profile etc. complete in all respects as per specifications & relevant drawings and all works to be carried out to the satisfaction of the Engineer. (Flooring and wall)	72	SQ FT	48369	33859
INTERNAL FINISHES (WALL)						
19	1312/55 Vol III Part II	Providing and applying 3/4" thick cement plaster upto 20' height on walls, columns, beams, chajjas etc. with cement mortar 1/4" including all corners, recesses, joints, taking out joints of masonry, scaffolding, making drip courses, curing etc. nailing 9" wide heavy duty metal lath strip nailed at junction of RCC & masonry, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	346	SQ FT	2006	6942
20	401/55 Vol III Part II	Providing and applying preparing the surface and painting with elastic emulsion paint of approved make up rubbing the surface with sand paper, filling the voids with chunak plaster of paris and then painting (1st coat) and subsequent coat etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	340	SQ FT	1938	6706
INTERNAL FINISHES (CEILING)						
21	1315/55 Vol III Part II	Providing and applying 1 1/2" thick cement plaster upto 20' height on walls, columns, beams, chajjas etc. with cement mortar 1/4" including all corners, recesses, joints, taking out joints of masonry, scaffolding, making drip courses, curing etc. nailing 9" wide heavy duty metal lath strip nailed at junction of RCC & masonry, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	75	SQ FT	1504	1128
22	1316/55 Vol III Part II	Providing and applying 3/4" thick cement plaster upto 20' height on walls, columns, beams, chajjas etc. with cement mortar 1/4" including all corners, recesses, joints, taking out joints of masonry, scaffolding, making drip courses, curing etc. nailing 9" wide heavy duty metal lath strip nailed at junction of RCC & masonry, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	2500	SQ FT	2006	32101



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Sr.No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (RS.)	AMOUNT
23	23/PA/65/7-59,60/6/III, Part-II	Providing and applying 1st coat, 2nd & 3rd coat Di bond distemper over and including a coat of priming thick distemper over plastered surface at any height in any floor including preparation of surface, filling depression with putty, rubbing, sand papering and cleaning etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	75	% SF	1942	1443
24	38a & 6/6/6/1/VI/III, Part-II	Providing and applying preparing the surface and painting with weather coat paint of approved make, rubbing the surface with rubbing brick / sand paper, filling the voids with chok / plaster of paris and then painting (1st coat, 2nd & subsequent coat) etc. complete in all respect as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (New Surface)	1,600	% SF	2273	36365
EXTERNAL FINISHES & DEVELOPMENTS						
25	42/1/54/6/III, Part-II	Providing and laying plain pattern tiles glazed 8"5/8" x 4"1/4" on floor or wall facing in required pattern of size or other equivalent approved specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling joints with slurry of white cement and pigment in desired shade with finishing cleaning and coat of wax polish including cutting tiles to proper profile etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	40	% SF	3484	13936
26	25/1/53/5/III, Part-II	Providing and fixing cement paving blocks flooring having size of 197x97x60 (mm) of city/quadra/cobble shape with natural colour, having strength b/w 5000 psi to 8500 psi /c filling the joints with full sand and laying in specified manner/pattern and design etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	335	Per Sq.	197	66032
27	NA	Providing and laying stone coping 6" thick from approved quarry including hand packing & filling voids with spalls & chips, consolidating & ramming with power or hand roller, etc. complete in all respect, as per specifications & relevant drawings and all works to be carried out the satisfaction of the Engineer.	88	SF	31	2728
28	NA	Providing, making and fixing in position steel barrier manually operated as per drawing including enamel paint, required hardware etc. complete in all respect as per drawing, specifications and to the entire satisfaction of the Engineer.	1	NOS.	87550	87550
29	NA	Providing & Laying LASBELA/GADAP STONE facing 12" x 8" x 1/2" thick of approved design / Pattern on external surface including cement sand mortar (1/2) beams, soffits or where required etc. complete in all respect, as per specifications & relevant drawings and all works to be carried out the satisfaction of the Engineer.	531	SF	232	124120
Total Amount Rs:						1712927



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Sr No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
		All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.				
		EARTHWORK				
1	18/0 & 17/04.5 Vol-II, Part-II	Excavation in foundation of building, bridges and other structures including (taggeling, dressing, refilling ground structure with (suitable) excavated earth watering, ramming complete and disposal of surplus excavated material to designated area (if all lead & 11) etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.				
		b) in Ordinary Soil	905	% CH	3698	2237
		c) in Hard Soil or Soft Limestone	202	% CH	4143	837
2	22/P-4 Vol-III, Part-II	Filling, watering and ramming earth under floor with new earth excavated from outside lead upto one chain and lift upto 5 feet.	146	% CH	4212	615
		CONCRETE WORKS				
3	80/P-18 Vol-III, Part-II	Cast-in-place concrete plain including placing, compacting, finishing and curing, incomplete (including screening and washing of stone aggregate without shattering				
		i) Below foundation, plinth beam and floor etc. (Ratio 1:4:8)	101	% CH	12225	12347
		ii) Below floor finish (Ratio 1:4:8)	10	% CH	12225	6112
		iii) Above floor finish (Ratio 1:3:6)	119	% CH	14155	15570
		MOISTURE PROTECTION				
4	27/0/P-28 Vol-III, Part-II	Damp proof course with cement sand and single concrete (1:2:4) including 3 coats of asphaltic mastic, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer				
		b) 2" Thick	65	% CH	4020	2613
		TERMITE PROOFING				
5	82/P-115 Vol-III, Part-II	Providing Antitermite treatment by spraying/sprinkling/spreading Nephelol or 0.5% Emulsion as an overall preconstruction treatment in slab type construction under the slab and along attack patches or orifices etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Work area will be measured due time for payment whereas the number of applications will be three times on all horizontal & vertical surfaces of the excavations for termite proofing).	190	Per Sq	12	2237
		BITUMEN COATING				
6	8/P-73 Vol-III, Part-II	Bitumen coating to plastered or cement concrete surface, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.				
		i) Over finishing	275	% CH	531	1465

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Sr.No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
		REINFORCED CEMENT CONCRETE (SUPER-STRUCTURE)				
7	5101/P-18.13 Vol.III, Part-II	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be bid separately. This rate also includes all kind of forms, moulds, lifting, shuttering, curing, rendering and finishing the external surface including screening and washing of shingle. RC work in roof slab, beams, columns, rafters, linteol and other structural members (a) in situ or precast laid in position completed in all respects. Ratio (1:2:4) 90 lbs cement 5 1/2 ch sand 40 ch strength 1/8" to 1/4" gauge complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Ratio 1:2:4)				
		a) Roof Beams & Lintels	80	Per Cft	323	9679
		b) Roof Slab	111	Per Cft	323	35811
		REINFORCEMENT				
8	5101/P-20 Vol-III, Part-II	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, tying joints and fastenings including cost of binding wire (also includes removal of rust from bars.)				
		b) Using Top Bars / Reinforcement of Super-Structure	4	Per Cwt	7846	31385
		MASONRY WORK				
		Brick Masonry walls				
9	5101/P-24 Vol-III, Part-II	Provide and laying Pucca Brick work masonry wall of all thickness set in 1:4 cement sand mortar in foundation and plinth including racking out joints & curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.				
			340	Per Cft	11745	39934
10	5101/P-25 Vol-III, Part-II	Provide and laying Pucca Brick work masonry wall of all thickness set in 1:6 cement sand mortar in ground floor super structure including racking out joints & curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.				
			430	Per Cft	12824	55143
		METAL WORKS				
		ALUMINIUM WORK				
11	5401/P-114 Vol-III, Part-I	Supplying & fixing in position aluminium channels framing for sliding windows & ventilators of Accop made with 5mm thick tinted glass glazing (beige) & aluminium fly screen (2 handles scoopers & locking arrangement etc. complete in all respect, as per drawings and specifications and entire satisfaction of Engineer.				
		a) De Luxe Model				
		b) Open able Windows / Ventilator	17	Sft	1784	30327



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Sr.No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES [Rs.]	AMOUNT
12		ROOF SCREEDING AND WATERPROOFING Provide and lay roof treatment over roof & skirting as per specifications and shown in drawings and details consisting of following items:				
a	25 (A)-41 Vol-III, Part-I	Two coats of bitumen laid hot using 34 lbs. for % sq ft over roof and bedded with sand at one cft per % sq ft.	224	% SQ	1220	2734
b	38.0-44 Vol-III, Part-II	Providing and laying single ply layer of polythene sheet 0.13mm thick for water proofing as per specification and instruction of engineer in-charge.	224	Per sq ft	10	2307
c	15(A)-9-27 Vol-III, Part-II	Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (b) 1" thick (1:2:4) Roof screeding	224	% SQ	5151	11539
13	277-23 Vol-I, Part-I	WOODEN WORKS (DOORS, WINDOWS & VENTILATORS) Providing and fixing in position doors, windows & ventilators for first class cedar wood frames and 1-1/2" thick teak wood ply shutters of second class cedar wood skeleton (solid teak and rails core of portal wood and teak ply wood 12 ply) on both sides (to hold fast, hinges, run lower bolts, handles and cleats with cord (at any floor & height) etc. complete in all respect as per drawing and specifications and to the entire satisfaction of the Engineer. (Except painting)	33	Per Sq Ft	950	48427
14	40.0 (P-75) Vol-II, Part-II	PAINTING OF WOODEN WORK Provide and apply enamel painting (first & subsequent coat) in position doors, windows & ventilators any type (at any floor & height) etc. complete in all respect as per drawing and specifications and to the entire satisfaction of the Engineer.	103	% SQ	1558	1604
15	47 (P-32) Vol-III, Part-II	INTERNAL FINISHES (FLOORING) Providing and laying Mosaic Tiles of grey cement size 12" x 12" x 1/2" of approved shade laid flat in 1:2 white cement mortar over bed of 3/4" thick lime mortar (cement mortar) etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and skirting)	160	% SQ	9195	14712
16	70 (P-55) Vol-III, Part-II	Providing and applying chemical polishing on existing mosaic/marble flooring/skirting including cleaning, grinding with carborandum stone/sand paper and applying chemical polish as per requirement etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Flooring and skirting)	180	Per Sq Ft	47	7526
17	13 (C) (P-38) Vol-III, Part-II	INTERNAL FINISHES (WALL) Providing and applying 3/4" thick cement plaster upto 10' height on walls, columns, beams, chajjas etc. with cement mortar 1:6 including of corners, recesses, joints, raking out joints of masonry, scaffolding, making drip courses, curing etc. nailing 1" wide heavy duty metal lath strip nailed at junction of RCC & masonry, etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	603	% SQ	2006	12178



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Sl.No.	ITEMS REF / PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs)	AMOUNT
18	40a & b / 62 Vol III, Part II	Providing and applying preparing the surface and priming with a water emission paint of approved make /c rubbing the surface with sand paper, filling the voids with chok / plaster of paris and then gunning (1st coat, 2nd & subsequent coat) etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	907	% Sq	1938	11765
INTERNAL FINISHES / CEILING						
19	13(b) / P-58 Vol III, Part II	Providing and applying 1/2" thick cement plaster upto 20' height on walls, columns, beams, chajjas etc. with cement mortar 1:5 including all corners, recesses, jambs, taking out joints of masonry, scaffolding, making drip courses, tiling etc. nailing 9" wide heavy duty metal lath strip nailed at junction of RCC & masonry, etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	106	% Sq	1504	2196
20	13(c) / P-58 Vol III, Part II	Providing and applying 3/4" thick cement plaster upto 20' height on walls, columns, beams, chajjas etc. with cement mortar 1:5 including all corners, recesses, jambs, taking out joints of masonry, scaffolding, making drip courses, tiling etc. nailing 9" wide heavy duty metal lath strip nailed at junction of RCC & masonry, etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	794	% Sq	2006	15930
21	11, 14a, b, c / P-57, 60 Vol III, Part II	Providing and applying (1st coat, 2nd & 3rd coat) Oil bound distemper over and including a coat of priming chalk distemper over plastered surface at any height in any floor including preparation of surface, filling depression with putty, rubbing, sand papering and cleaning etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	146	% Sq	1924	2810
22	18a & b / P-61 Vol III, Part II	Providing and applying preparing the surface and priming with weather coat paint of approved make /c rubbing the surface with rubbing price / sand paper filling the voids with chok / plaster of paris and then gunning (1st coat, 2nd & subsequent coat) etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (New Surface)	794	% Sq	2273	18046
23	8A	Providing and using stone using 6" thick from approved quarry including hand packing & filling voids with grout & chok, consolidating & compacting with power or hand trowel etc. complete in all respect, as per specifications & relevant drawings and all works to be carried out to the satisfaction of the Engineer.	146	Sq	31	4526
					Total Amount Rs	402612



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Sr. No.	ITEMS REF. / PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
		All items under this head to be carried out as per specifications, Drawings, relevant ISI/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.				
		EARTHWORK				
1	16(a) & CVF-4.5 (Vol. II Part II)	Excavation in foundation of building, bridges and other structures including digging, dressing, refilling around structure with (suitable) excavated earth, watering, ramming, compact and disposal of surplus excavated material (underminated area) in all level & tilt etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.				
		a) In Ordinary Soil	683	CUYD	3698	2526
		d) In Hard Soil or Silt medium	228	CUYD	4143	945
		CONCRETE WORKS				
2	5(a) (P-18) Vol. II Part II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering)				
		a) Below foundation, plinth beam and Raft etc. (Ratio 1:4:8)	64	CUYD	12225	7824
		d) 2" thick floor on bottom slab (Ratio 1:2:4)	1	CUYD	16813	1513
		BITUMEN COATING				
3	9(A) (P-22) Vol. II Part II	Bitumen coating to plastered or cement concrete surface, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.				
		a) Over Blinding	101	SQYD	531	122
		d) On Structure's top & Imp	281	SQYD	531	1502
		REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)				
4	11(a) (P-14) Vol. III Part II	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of form, mould, lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle) etc. work in top slab, beams, columns, raft, tanks and other structural members laid in situ or precast and in position completed in all respect, Ratio (1:2:4) 100 lbs cement, 30% sand, 40% shingle, 1/8" to 1/4" gauge complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Ratio 1:2:4)				
		a) Top & Bottom Wall	120	Per CWT	323	3874
		d) Walls	145	Per CWT	323	47103
		REINFORCEMENT				
5	2(b) (P-20) Vol. II Part II	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and lappings, including cost of binding wire (also includes removal of rust from bars)				
		b) Using Top Bar (Reinforcement of Sub-Structure)	14	Per CWT	7846	109848
6	11A	Brazing and fixing of manhole cover frame as shown in drawing including cutting, fitting, painting with rust proof paint etc. complete in all respect, as per specifications & relevant drawings and all works to be carried out to the satisfaction of the Engineer.	1	Each	4120	4120

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Sr No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
1	3A	Providing, fabricating and fixing of MS rings in UGWT as shown in drawing including ducting, jacking, painting with rust proof paint etc. complete in all respect as per specifications & relevant drawings and all works to be carried out the satisfaction of the Engineer	1	MT	1545	1545
2	4A	Providing and fixing PVC fibreg water stop (250 mm) wide including cutting or sanding etc. complete in all respect as per specifications & relevant drawings and all works to be carried out the satisfaction of the Engineer	33	MT	309	10197
3	5A	Providing and applying 3/4" thick plain plaster using OPC and water proofing material (Pudlo) mixed as per manufacturer's recommendation for internal surface with 1:3 cement mortar on walls, ceiling or where required etc. complete in all respect as per specifications & relevant drawings and all works to be carried out the satisfaction of the Engineer	225	SQ	52	11700
					Total Amount Rs	237659



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Sr No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (RS.)	AMOUNT
		All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract				
		EARTHWORK				
1	18)B/A (P/P-4.3 Vol-III, Part-II)	Excavation in foundation of building, bridges and other structures including dewatering, drossing, refilling ground (structure with suitable) excavated earth, watering, ramming, compact and disposal of surplus excavated material to designated area etc. all lead & lift etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer				
		a) In Ordinary Soil	2202	sq Ch	3698	8144
		c) In Hard Soil or Soft mud	734	sq Ch	4143	3041
		CONCRETE WORKS				
2	50a) (P-18 Vol-III, Part-II)	Concent concrete plain including placing, compacting, finishing and curing, complete including screening and washing of stone aggregate without shuttering				
		i) Below foundation, plinth beam and floor etc. (Ratio 1:4:8)	305	sq Ch	12225	37285
		ii) Below foundation, plinth beam and floor etc. (Ratio 1:7:6)	457	sq Ch	14155	64687
		iii) PCC Coping (Ratio 1:2:4)	65	sq Ch	16813	10929
		BITUMEN COATING				
7	5)P-72 Vol-III, Part-II)	Bitumen coating to plastered or cement concrete surface, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer				
		i) Over Binding	1,167	sq ft	531	6088
		MASONRY WORK				
		Brick Masonry walls				
4	4)C (P-24 Vol-I, Part-II)	Provide and laying "Faced Brick work masonry wall of all thickness set in 1:4 cement sand mortar, in foundation and plinth including racking out joints & curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer	1,225	sq Ch	11745	143881
5	5)1C (P-25 Vol-II, Part-II)	Provide and laying "Faced Brick work masonry wall of all thickness set in 1:4 cement sand mortar, in ground floor super structure including racking out joints & curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer	4,120	sq Ch	12824	143629
6	17)A (P-33 Vol-III, Part-II)	Provide and applying cement pointing flush upto 20" height in 1:2 cement sand mortar in ground floor super structure including curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer	2,980	sq ft	1595	47539
					Total Amount Rs.	465223



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Plumbing Works



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Item No.	Description	Page No.	Amount (Rs.)
PLUMBING WORKS			
1.	Water Supply	1-2	
2.	Drainage	3-4	
3.	Plumbing Fixtures	5	
Carried to Grand Summary		Total	

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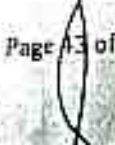
Item No.	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
WATER SUPPLY:					
Cold and Hot Water Supply Piping					
1	Supply, installation Testing and Commissioning of PPR PN-20 Cold/Hot water pipes as per DIN 8077-8078 with molded fittings PN 25 as per DIN 16952, including pipe supports as as indicated on the drawing, as per specifications and Engineers approval	RF	24	98	8219
	(i) 1/2" dia	RF	20	155	3090
	(ii) 1" dia	RF	122	206	25132
	(iii) 1 1/2" dia	RF	24	324	7787
	(iv) 1 1/4" dia	RF	86	525	45176
Valves					
2	Providing and fixing of Isolation/Gate valves of same material as piping as indicated on the drawing, as per specifications and Engineers approval	Nos	1	1545	1545
	(i) 1/2" dia	Nos	3	2575	7725
	(ii) 1" dia	Nos	3	3605	10815
	(iii) 1 1/2" dia	Nos	0	5150	D
	(iv) 1 1/4" dia	Nos	2	6695	13390
	(v) 2" dia				
GRP Water Tank					
3	Supply and installation of the 500 Gallons GRP (Cylindrical Shape) overhead Water tank including drain valve, overflow, vent and other accessories etc. as indicated on the drawing, as per Specifications and Engineers approval.	Nos	1	51500	51500
Water Tank and Connection					
4	Connection from external network to Underground RCC water tanks including fittings, float valves, vent pipes, accessories, valves, supports, warning pipes, low and high level float switches, etc. as per specifications	Item	1	61800	61800
5	Connection to overhead water tanks from external Water Supply network including inlet, outlet, drain, overflow pipe, etc. complete all in accordance with the drawing and specifications.	Item	1	41200	41200
6	Cover For RCC water tanks.	Nos	2	9270	18540

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Item No.	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
	WATER SUPPLY (Cont...)				
	Plumbing Specialties:				
7	Supply and installation of the following including all fittings, fixings, accessories, etc., as indicated on the drawing, as per Specifications and Engineers approval.				
	(i) 1/2" dia. Bib Tap	Nos.	2	2060	4120
	(ii) Air Relief Valve	Nos.	1	3605	3605
	Gas Water Heaters				
8	Providing, installation, testing and commissioning of Storage Type gas fired Water heaters with all accessories like Clamps, Isolation valves, Air relief valves as indicated in the drawings, as per specifications and engineers approval.				
	(i) GS-01 (Capacity 30 Gallons)	Nos.	3	30900	92700
	(ii) GS-02 (Capacity 40 Gallons)	Nos.	0	41200	0
	WATER TRANSFER PUMP				
9	Supply and installation of below mentioned pump sets including pump foundation, control panel, wiring, valves, piping, accessories, etc., as indicated on the drawing, as per specifications and Engineers approval.				
	Water Transfer Pump -1 (1 Duty), Flow = 30 GPM @ 18m head (2hp)	Nos.	1	82400	82400
	Shop/As Built Drawings:				
10	Providing of Shop and As-built drawing in A1 size with electronic copy as advised by the consultant.	Job	1	10300	10300
	Test Run Period				
11	Providing test-run as advised by the consultant. After satisfactorily completion of test-run a certificate will be issued to contractor.	Job	1	20600	20600
	Painting and Finishes				
12	Providing painting and finishing as per specification and as directed by the Engineer incharge, complete in all respects.	Job	1	15450	15450
	Continued..				

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Item No.	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
SANITARY SEWAGE:					
Soil, Waste, Vent and Rainwater Pipes					
13	Providing, fixing, Testing and commissioning of uPVC pipes Class 'B' Pipes and fittings as per BS 4660 for above ground installations for Soil, Waste, Vent & R/w pipes including cleanout plug, clamps, hanger collars, supports, specials (bend, tee, Y tee etc) as indicated on the drawing as per specifications and Engineers approval				
	(i) 2" dia	Rt	24	185	4450
	(ii) 3" dia	Rt	40	309	12360
	(iii) 4" dia	Rt	35	299	10455
14	Providing, fixing, Testing and commissioning of uPVC pipes and fittings as per EN 1401 for below grade installations for Soil, Waste, Vent & R/w pipes including cleanout plug, clamps, hanger collars, supports, specials (bend, tee, Y tee etc) as indicated on the drawing, as per specifications and Engineers approval				
	(i) 6" dia	Rt	190	721	136990
Drainage Specialties					
15	Providing and fixing PVC floor trap with multiple dia inlet and cleanout plug of the approved self cleaning design with S.Steel grating, as indicated on the drawing, as per specifications and Engineers approval	Nos	5	2781	22248
16	Providing and fixing uPVC bowl for vent pipe of the following dia including all accessories complete in all respects:				
	(i) 3" dia	Nos	11	567	0
	(ii) 4" dia	Nos	0	695	0
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SANITARY SEWAGE WORK

No.	Description	Nos.	Unit	Rate	Amount
17	Manholes and Gully traps Construction of 30" x 30" Sanitary sewage manhole with 24" x 24" Medium Duty cover (Weight Min = 50 kg) as specified and shown on the drawing as per specifications and Engineers approval	Nos	1	21115	105575
18	Construction of 18" x 18" gully trap with 12" x 12" manhole cover as specified and shown on the drawing as per specifications and Engineers approval	Nos	3	15450	46350
19	Septic Tank and Soak Pit construction of S 10' x 5' x 6' (L x W X D) septic tank in RCC construction and 5'Dia and 15' Deep Soak away pit as specified in drawings with approved C.I heavy duty covers (100 Kg) completed in all respect as per drawings specifications and engineers approval	Job	1	180250	180250

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Item No	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
PLUMBING FIXTURES:					
20	Providing and fixing first quality European type water closet by Porta or Equivalent with 6 liters flush tank, built in S-Trap, Stop cock with flexible pipe as per drawings, specifications and Engineers Approval.	Nos	3	16480	49440
21	Providing and fixing first quality Eastern type water closet by Porta or Equivalent with flush tank, built in S-Trap, Stop cock, necessary clamps, supports as per drawings specifications and Engineers Approval.	Nos.	1	10300	10300
22	Providing and fixing Counter type wash basin by Porta with mixer by Sonex/Master, two (2) nos. Stop cocks with Flexible Connection, flexible drain pipe to floor drain as per drawings, specifications and engineers approval.	Nos	11	16068	0
23	Providing and fixing pedestal type wash basin by Porta with mixer by Sonex/Master, two (2) nos. Stop cocks with Flexible Connection, flexible drain pipe to floor drain as per drawings specifications and engineers approval.	Nos.	4	15296	61182
24	Providing and fixing of Pantry Sink by Porta with waste trap, bib cock, Stop cocks, Flexible Connection as per drawings, specifications and engineers approval.	Nos.	1	9270	9270
25	Providing and fixing bath toilet accessories as under by Sonex or Equivalent				
	(i) Toilet Paper Holder	Nos	3	824	2472
	(ii) Double Bib cock/Mixer shower	Nos	4	2318	9270
	(iii) Soap dish	Nos	4	1009	4038
	(iv) Mirror full size (Beveled edge type) as shown on the architectural drawing (5mm thick glass with backing of handboard) posted with silicon with necessary clips as required. Complete in all respects.	Nos	3	6180	18540
Carried to Summary			Total		1208283

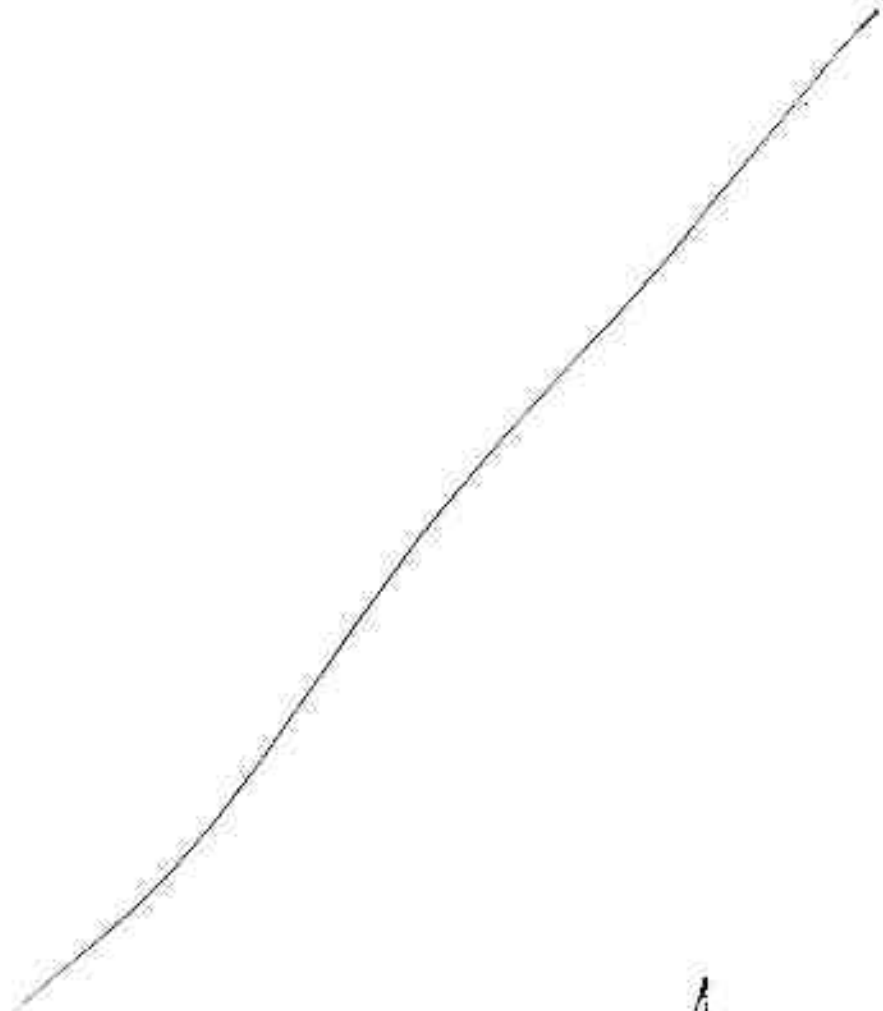
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Section	Description	Page #	Amount
01	L.V. SWITCH BOARDS / DISTRIBUTION BOARDS	01-01	
02	LOW VOLTAGE CABLES AND WIRES	02-01	
03	CONDUITS & PIPES	03-01	
04	WIRING ACCESSORIES	04-01	
05	LIGHTING FIXTURES & WRINGS	05-01	
06	TELECOMMUNICATION SYSTEM	06-01	
07	STANDBY DIESEL GENERATOR SET	07-01	
08	EARTHING SYSTEM	08-01	
Total Amount			

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Item No.	Description	Unit	Qty	Rate (Per Rs.)	Amount
01	L.V. SWITCHBOARDS / DISTRIBUTION BOARDS				
01.01	Supply, installation, testing & commissioning of following with mounting accessories type 2 Distribution Boards (DBs) made with 16 SWG sheet metal, dust protected, weather proof finishing coats with approved color having all the necessary switching and protection as per specification complete in all respects.				
1	Max. Distribution Board (MDB) - SITE OFFICE	No.	1	97850	97850
2	Distribution Board (DB) - G.I.	No.	1	42230	42230
Carried to Electrical Works Summary			Total		

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Item Ref	Description	Unit	Qty	Rate (Rs)	Amount
01	LOW VOLTAGE CABLES AND WIRES				
02-01	Supply, Laying, termination, testing, labeling and commissioning of low voltage wire copper conductor cable in a sheath laid, laidwork as per drawings and specification				
(a)	4 Core - 25 Sqmm PVC Cable	RM	10	3090	30900
	- 4 Core - 50 Sqmm (500/1000V)	RM	10	2060	20600
(b)	1 Core - Cu/PVC Cable	RM	12	247	2966
	- 1 Core - 16 Sqmm (450/750V)	RM	60	155	9270
Carried to Electrical Works Summary			Total		



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Item Ref	Description	Unit	Qty	Rate (Pak Rs)	Amount
01	CONDUITS & PIPES				
03.01	Supply & installation of following size (mm dia) PVC (M.S. IG) conduits (race ways with all accessories recessed surface on wall / column / under floor) for Power, Tel & Data, Fire alarm, CCTV, etc. As per relevant specification complete in all respect.	RM	0	258	2060
	50 mm dia PVC pipe	RM	18	82	1483
03.02	Providing and laying of following size Lpvc class II conduit for LV power Feeders from Substation. Buried in ground / under roads / under floor as per specification including excavation for laying of conduit, bricks, warning tape, and backfilling with new and fresh soil etc. as shown on drawing complete in all respect.	RM	6	1545	9270
03.03	Providing and laying of following size Lpvc conduit of class II for telecommunication cable (copper / optic fibre) from P.O. Buried in ground / under roads / under floor as per specification including excavation for laying of conduit, bricks, warning tape, and backfilling with new and fresh soil etc. as shown on drawing complete in all respect.	RM	12	1494	17922
03.04	Providing and Construction of manhole Size 600 x 600 x 800mm deep of brick concrete 1:2:4 ratio with 600mm round heavy duty cast iron cover, 100% water proof complete in all respect. (For incoming Electrical cables)	NO	1	30900	30900
03.05	Providing and Construction of manhole Size 600 x 600 x 800mm deep of brick concrete 1:2:4 ratio with 600mm round heavy duty cast iron cover, 100% water proof complete in all respect. (For incoming telecommunication cables)	NO	1	30900	30900
Carried to Electrical Works Summary			Total		

3.01

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Item Ref	Description	Unit	Qty	Rate (Pak Rs.)	Amount
04	WIRING ACCESSORIES				
04.01	Following 10/15/16 Amps One / Two way gang type switches, sockets including 10 SMD sheet steel powder coated back boxes, recessed in wall completely in all respects:				
	i) One gang switch 5A/10A	Nos.	2	361	721
	ii) Two gang switch 5A/10A	Nos.	8	670	5356
	iii) Three gang switch 5A/10A	Nos.	2	876	2627
	iv) Four / gang switch 5A/10A	Nos.	1	1288	1288
	v) One gang fan damper switch 10A	Nos.	5	3090	18540
	vi) 5A (2 Pin + E) switch socket unit	Nos.	17	1288	21888
	vii) 15A (2 Pin + E) switch socket unit	Nos.	2	1288	2575
	viii) 20A (2 Pin + E) switch socket unit	Nos.	2	1288	2575
	ix) 200/5A SP ISOLATOR	Nos.	1	670	670
Carried to Electrical Works Summary			Total		



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Item Ref.	Description	Unit	Qty	Rate (Per Rs.)	Amount
05	LIGHTING FIXTURES & WIRINGS				
05 01	Supply, installation, testing and commissioning of following light fixtures complete with starters, Electronic ballast (unless mention otherwise), lamps, mounting accessories etc. complete in all respects. Lighting fixtures Sample drawings submitted to consultant for approval. (For complete detail references of Light Fixtures, please refer to Light Fixture Schedule)				
	Down Light Fixture with Frosted Mirror Reflector & Frosted Glass cover 1x16W FLC Warm White	Nos.	11	3090	33990
	Surface mounted TMS-015 Fluorescent Light Fixture with 1x30W T 5	Nos.	15	2266	33990
	Wall Bracket Light Fixture 1x20W PFC	Nos.	2	3605	7210
	Garage Light Fixture with 1x20W PFC	Nos.	8	4120	32960
	Gate Light with 1x20W PFC	Nos.	8	5665	11330
		Nos.	5	4635	27810
05 02	Supply, installation, testing & commissioning of circuit wiring from DB to switch board including wiring between switch on the same circuit with 2x2.5 sq mm + 1x2.5 sq mm as ECC single core PVC insulated wires in 20 mm dia. PVC conduit surface recessed in wall, column, ceiling, etc. complete with all tender accessories as per specification	Nos.	11	2060	22660
05 03	Supply, installation, testing & commissioning of wiring for light point from meter board to point with 2x1.5 sq mm. wires in 20 mm or appropriate dia. PVC conduit, complete in all respects	Nos.	28	1545	44805
05 04	Supply, installation, testing & commissioning of wiring from light point to point with 2x1.5 sq mm. wires in 20 mm or appropriate dia. PVC conduit, complete in all respects				
05 05	Supply, installation and commissioning of wiring for 3Pm, 5, 15A outlet with 2 x 2.5 sq mm + 1 x 2.5 sq mm single core PVC insulated wires in 20 mm dia. PVC conduit surface recessed in wall, column, ceiling, etc. complete with all conduit accessories as per specification	Nos.	4	4120	20600
	DB to outlet	Nos.	11	2575	28325
05 06	Supply, installation and commissioning of wiring for 3 Pm, 15A outlet, 2 x 4 sq mm + 1 x 4 Sqmm as ECC single core PVC insulated wires in 25 mm dia PVC conduit surface recessed in wall, column, ceiling, etc. with all conduit accessories as per specification	Nos.	2	5665	11330
	DB to outlet	Nos.	1	3090	3090
	Outlet to outlet	Nos.	2	9270	18540
05 07	Supply, installation and commissioning of wiring for A/C Unit include 2 x 10.4 sq mm + 1 x 4 Sqmm as ECC single core PVC insulated wires in 25 mm dia PVC conduit surface recessed in wall, column, ceiling, etc. with all conduit accessories as per specification				
05 08	Supply, installation, testing and commissioning of following item including all tendering accessories as per drawing specification, complete in all respects.				
	46" dia ceiling Fan with recessed fan hook box	Nos.	5	7725	46350
	Exhaust Fan	Nos.	7	6695	33475
Carried to Electrical Works Summary				Total	

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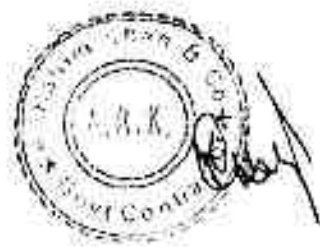
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Item No.	Description	Unit	Qty	Rate (Pak.Rs)	Amount
06	TELECOMMUNICATION SYSTEM				
06 01	Providing, installation, Testing, commissioning & Termination of following Voice Cables as it may require for complete the entire system network only as per the shop line master drawing and specification complete in all respect.	No.		8240	8240
	30 Pair TUB	No.	0	1030	6180
06 02	Providing, fixing, testing & commissioning of R-11 Telephone outlet (complete) with 15 SWG back box, complete in all respect.	No.	140	155	27810
06 03	Providing, fixing, testing & commissioning of wiring of Telephone outlet from TUB to Telephone outlet with 2 pair CAT 3 cable in 25mm dia PVC Conduit as per drawing complete in all respect.	RM	20	618	12360
RE DA	Providing, laying, Testing & commissioning of CAT 3 UTP 20 Pair cable TUB communication cables in already laid PVC Conduit complete as per drawing and specification.	RM			
Total					
Carried to Electrical Works Summary					

6.01

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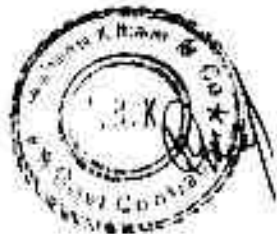
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Item Ref	Description	Unit	Qty	Rate (Pak Rs.)	Amount
07	STANDBY DIESEL GENERATOR SET			1817950	1817950
07.01	Providing, installation, testing & commissioning of 40 KW (Prime Power Rated) 1-phase, 4 Wire, 400V Diesel Generator set, including transportation up to site, base, fuel tank & hrs. etc. as shown on the drawing & also includes of Power cable from MCC to Generating Set, and termination, prepare RCC base as per recommendation of manufacturer & specifications with the approval of engineer complete in all respects.	No.	1		
07.02	Providing and handing over to client representative of standard spare parts as recommended by the manufacturer for operation of 1000 hours - itemized list of spares to be provided as per specification.	List	1	41200	41200
07.03	P.O. for testing of above generator set	Job	1	25750	25750
07.04	Supply, installation, testing and commissioning of following items for complete earthing system including all connecting accessories as per drawings, specifications and as mentioned in General Notes, complete in all respects.				
07.04.1	Supply, installation, testing and commissioning of Earth copper bar 500 x 10 x 6 mm for earthing system as per drawings and instruction of consultant.	No.	1	5150	5150
07.04.2	Supply, installation, testing & commissioning of 10.35 mm sq. Cu. IPVC/PVC as RCC is already laid raceways including all installation accessories required as per specification and drawings complete in all respects.	RM	40	515	20600
07.04.3	Supply, installation, testing and commissioning of earth on for Generating Set with earth electrode 20mm dia copper rod, 3 meter long. Directly driven in ground and connected with earth leads including inspection pit 300x300x300mm deep with heavy duty cover and Earthing terminal, complete as per drawing, specification and instruction of consultant.	Nos.	2	30900	61800
07.05	Providing, installation and commissioning of WAPDA tested kWh meter etc for D/G. Set to comply with all requirements of Electrical Inspector etc. for getting necessary approval.	Job	1	74160	74160
07.06	Getting necessary approval NOCs for installation of above generator from concerned authorities (Electric Inspector, Hyderabad, Report, issuance of O.C. and other related expenses etc. complete in all respects.	Job	1	97850	97850
07.07	Providing and installation following accessories i.e. etc. as per drawings & specifications, including all mounting accessories, complete in all respects. a) Danger Boards, emergency sig's etc.	Job	1	25750	25750
07.08	Providing and Construction of Handhole Size 300 x 300 x 200mm deep in brick, concrete 1:2:4 ratio with 500mm round heavy duty cast iron cover, 100% water proof, complete in all respects. For Electrical cables from MCC to Generating Set as shown in the drawing.	Nos.	2	19570	39140
Carried to Electrical Works Summary				Total	

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Item Ref.	Description	Unit	Qty	Rate: (Pak Rs.)	Amount
08	EARTHING SYSTEM Supply, installation, testing and commissioning of following items for complete earthing system including all connecting accessories as per drawings, specifications and as mentioned in General Notes, complete in all respects.				
08.01	Supply, installation, testing and commissioning of Earth copper bar 200 x 75 x 5 mm for earthing system as per drawings and instruction of consultant	No	1	6180	6180
08.02	Supply, installation, testing & commissioning of following sizes of EDC in drybox and accessories including all installation accessories required as per specifications and drawings, complete in all respects. (1C-25 Sqmm PVC/Cu Cable@600/1000V)	km	20	206	4120
08.03	Supply, installation, testing and commissioning of earth pit with earth electrode 20mm dia copper rod 3 meter long. Directly driven in ground and connected with earth leads including inspection of 300x300x300mm deep with heavy duty tower and Earth test terminal, complete as per drawing, specification and instruction of consultant.	No	1	36050	36050
Carried to Electrical Works Summary			Total		3039345

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Date: 26.11.98

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External Works



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BILL OF QUANTITIES

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Item No.	Item Description	Unit	Estimated Quantity	Rate (Rs.)	Amount (Rs.)
101	Clearing & Grubbing	Sq.ft	105,000	2	216300
104	Compaction of Natural Ground	Sq.ft	105,000	2	216300
108c	Formation of Embankment from Borrow Excavation in Common Material	Cu.ft	187,500	18	2757825
201	Granular sub-base	Cu.ft	28,350	27	759213
202	Aggregate Base Course	Cu.ft	36,582	46	1695576
302a	Cut Back Asphalt for Bituminous Prime Coat	Sq.ft	50,400	4	207648
303b	Asphalt Base Course "Class B"	Cu.ft	8,568	288	2426886
601d	Precast Kerb in place including 3" thick concrete Class B with SR Cement for bedding and haunching i) Type-I - Kerb ii) Type-II - Kerb & Gutter	R.P. Rt	2,100 2,100	386 489	81125 1027425
SP-	Soil / Geotechnical Investigation of whole area through Geotechnical Contractor by executing 5 bores of 8m depth along with 15 pits of 1m x 1m x 1.5m at locations identified/ selected by the Engineer. After boring / pit execution, disturbed / un-disturbed samples should be tested in Laboratory to establish the characteristics of soil, classification, strength, compressibility and chemical properties of soil. The Geotechnical Report, 14 copies shall be submitted to the Engineer with recommendation about type of foundation and bearing capacity.	Lumpsum			
Total: ROAD WORKS					10118298



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Sl. No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (RS.)	AMOUNT
		All items under this head to be carried out as per specifications, Drawings, relevant BS/ASTM Standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract.				
		EARTHWORK				
1	1810 & 177-0.5 Vol- II, Part II	Excavation in foundation of building, bridges and other structures including dogpiling dressing refilling around structure with (suitable) excavated earth waterline, forming complete and disposal of surplus excavated material (designated area / or all load & lift etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	195	sq. CH	3698	1831
		i) In Ordinary soil	155	sq. CH	4143	684
		ii) In Hard Soil or Soft mudstone				
		CONCRETE WORKS				
2	1811-18 Vol- II, Part II	Cement concrete plain including placing, compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering	66	% CH	12225	8068
		i) Below foundation, plinth beam and floor etc. (Rate 1-4.8)	30	% CH	16813	5044
		ii) RCC Slabing (Rate 1-2.4)				
		REINFORCED CEMENT CONCRETE (SUB-STRUCTURE)				
3	1811-18 Vol- II, Part II	Reinforced cement concrete work including all about and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface including screening and washing of aggregate work in raft, slab, beams, columns, rafters, lintels and other structural members laid in soil or precast laid in position completed in all respect Rate (1-2-4) 90 lbs cement 20ft sand 40ft single 1/8" to 1/4" gauge complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Rate 1-2-4)	150	sq. CH	334	53430
		ii) Footing				
		REINFORCEMENT				
4	1811-18 Vol- II, Part II	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, welding in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars)	4	Per Cwt	7846	47078
		ii) Using For Bars (Reinforcement of Sub Structure)				
		BITUMEN COATING				
5	1811-18 Vol- II, Part II	Bitumen coating to plastered or cement concrete surface, complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer	105	% CH	538	565
		ii) Over Binding	250	% CH	11745	1414699
		iii) On structures side and top			538	
		MASONRY WORK				
6	1811-18 Vol- II, Part II	Brick Masonry walls Provide and lay, Pucca Brick work masonry wall of all thickness (set in 1:4 cement sand mortar in foundation and plinth including making out joints & ciling etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	320	% CH	11745	14094

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Sr. No	ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
2	5102/4-25 Vol-III Part-II	Provide and laying Face Back work masonry wall of all thicknesses set in 1:4 cement sand mortar in ground floor super structure including racking out joints & curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	333	% CH	12824	42319
3	17(a) (P-59) Vol-III Part-II	Provide and applying cement pointing flush upto 20' height in 1:2 cement sand mortar in ground floor super structure including curing etc. complete in all respect, as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	1,365	% SF	1981	27041
Total Amount Rs.						20568



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Sr.No	ITEMS REF /PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
		All items under this head to be carried out as per specifications, drawings, relevant BS/ASTM standards, complete in all respect to the entire satisfaction of the Employer, and following Sections of the Technical Specifications. Rates shall be applicable on all types of building/structures shown in the drawings under this contract				
		EARTHWORK				
1	300 & 301-5, Vol-II, Part II	Excavation in foundation of building, bridges and other structures including dewatering, dressing, refilling around structure with suitable excavated earth, watering, ramming complete and disposal of surplus excavated material to designated area 1/2 of road & 3/4 of road complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	25	KD CH	3698	92
		a) in Ordinary Soil	40	SO CH	4143	41/733
		b) in hard soil or soft mud				
		CONCRETE WORKS				
2	161/17-18 Vol-III, Part II	Cement concrete plain including placing, compacting, finishing and curing, complete including screening and washing of stone aggregate without shuttering.	6	% CB	12225	733
		i) Below foundation, piers, beams and floor etc. (Ratio 1:2:4)				
		REINFORCED CEMENT CONCRETE (SUB STRUCTURE)				
3	161/17-18, 19 Vol-III, Part II	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. The rate also includes all kinds of forms, moulds, lifting, shuttering, curing, rendering and finishing the exposed surface including screening and washing of single RC work in roof slab, beams, columns, rafters, lintels and other structural members laid in situ or precast laid in position completed in all respects (Ratio 1:2:4) 90% cement 20% sand 40% chingra 1/8" to 1/4" gauge complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (Memo 1:2:4)	15	Per Ch	325	4882
		i) Footing				
		REINFORCEMENT				
4	700/19-20 Vol-III, Part II	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars)	3480	Per Cwt	7846	3766
		ii) Using Top Bars Reinforcement of Sub Structure				
		BITUMEN COATING				
5	320/17 Vol-III, Part II	Bitumen coating to plastered or cement concrete surface, complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	8	% Sq	538	43
		ii) Over Blinding	12	% Sq	538	118
		iii) On structures side and top				



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ITEMS REF./PAGE No	DESCRIPTION	QTY	UNIT	RATES (Rs.)	AMOUNT
MASONRY WORK					
1	Brick Masonry walls Provide and lay 1/2 Bricks work masonry wall of all thicknesses in 1:4 cement sand mortar in ground floor super structure including cutting out joints & curing etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	17	Sq. Ch	12874	1539
2	Providing and applying 1/2" thick cement plaster upto 20' height on walls, columns, beams, chajja etc. with cement mortar 1:6 excluding all corners, finishes, joints, fixing out joints of masonry, scaffolding, making, dip courses, curing etc. using 9" wide heavy duty metal lath wire mesh of minimum of 800 W x 400 H, etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer.	96	Sq. Ch	2052	1128
3	Providing and applying preparing the surface and pointing with weather coat sand of approved make or cubing the surface with rubbing brick / sand pointing the joints with 1/2" thick plaster of paris and then painting (1st coat, 2nd & subsequent coats) etc. complete in all respects as per specifications & relevant drawings and all works to the entire satisfaction of the Engineer. (New Surface)	51	Sq. Ch	2335	1284
		77	Sq.	77	1925
Total Amount Rs.					15553

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INSTRUCTIONS TO BIDDERS

(Note: (These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed)

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Procuring Agency as defined in the Bidding Data (hereinafter called "the Procuring Agency") wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as "the Works").

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

1.2 Source of Funds

The Procuring Agency has arranged funds from its own sources or Federal/ Provincial /Donor agency or any other source, which may be indicated accordingly in bidding data towards the cost of the project/scheme.

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 2.5 million or less shall not require any registration with PEC.

- b) duly pre-qualified with the Procuring Agency. (Where required).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c) If prequalification has not undertaken, the procuring agency may ask information and documents not limited to following:

- (i) company profile;
- (ii) works of similar nature and size for each performed in last 5/5 years;
- (iii) construction equipments;

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- (iv) qualification and experience of technical personnel and key site management,
- (v) financial statement of last 3 years,
- (vi) information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

- 1 Instructions to Bidders & Bidding Data
- 2 Form of Bid, Qualification Information & Schedules to Bid,
Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
- 3 Conditions of Contract & Contract Data
4. Standard Forms:
 - (i) Form of Bid Security,
 - (ii) Form of Performance Security;
 - (iii) Form of Contract Agreement;
 - (iv) Form of Bank Guarantee for Advance Payment.
- 5 Specifications
- 6 Drawings, if any

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IB.5 Clarification of Bidding Documents

5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Procuring Agency at the Engineer's/ Procuring Agency's address indicated in the Bidding Data.

D. SUBMISSION OF BID

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IB.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).


E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

- 16.3 To assist in the examination, evaluation and comparison of Bids the Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).


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- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.
- (b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.

16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (major deviation) may be waived by Procuring Agency provided such waiver does not prejudice or affect the relative ranking of any other bidders.

(A) Major (material) Deviations include:

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :
 - (a) which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.



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BID EVALUATION REPORT.


- 1 Name of Procuring Agency. SHAHEED MOHTARMA BENAZIR BHUTTO TOWNS SINDH.
- 2 Tender Reference No: SMBBT/HYD/BLD-001
- 3 Tender Description / Name of Work / item. CONSTRUCTION OF ENTRANCE GATE & SITE OFFICE OF BENAZIR TOWN, HYDERABAD.
- 4 Method of Procurement. Single stage one envelope SPPRA- Rule 2010 46(1).
- 5 Tender-Published. Dawn, Jang, Kawish dt: 25-7-2012.
SPPRA ID No: 13508 dt: 25-7-12
9/23/2012 ✓
- 6 Total Bid Documents. Four (04) Nos:
- 7 Total Bid Received. Four (04) Nos:
- 8 Technical Bid Opening date: (if applicable). N/A
- 9 No. of bid technically qualified (if applicable.) N/A
- 10 Bid(s) Rejected. N/A
- 11 Financial Bid Opening date: 15-08-2012 ✓
- 12 Bid Evaluation Reprot.

S.No	Name of Firm of Bidder.	Cost of offered by the Bidder.	Ranking in Terms of Cost.	Comparasion with Estimated Cost.	Reasons for Acceptance / rejection.	Remarks.
0	1	2	3	4	5	6
1	M/s Abdul Rahim K & Co.	19,904,278	1st Lowest.	0.13%	Accepted.	Being the 1st Lowest.
2	M/s Allied & Busniss Proprietor.	20,013,237	2nd Lowset.	0.68%	Rejected	Being the 2nd Lowest.
3	M/s R.K Construction Co.	20,155,956	3rd Lowest.	1.40%	Rejected	Being the 3rd Lowest.
4	M/s Lal Khan & Bugti.	Not Quoted.	Not Quoted.	Not Quoted.	Rejected	Not Quoted.

on leave at Aitqab

Muhammad Qaiser
Executive Engineer, Gulistan-e-Johar)
(Member)


Muhammad Arshad
Deputy Director (F&A) MDA
(Member)


Abdul Hameez Mughal
Executive Engineer (SMBBT)
Member


Shanzad Ali
Deputy Director (F & A) SMBBT
Member/ Secretary


Agha Shafique
Director (F & A) SMBBT
Chairman Procurement Committee (Financial)