

Sindh Basic Education Program

Program Management &Implementation Unit Education and Literacy Department Government of Sindh Tel # 021-35296931, Fax # 021-35296935 D-29, Block-2, Clifton Karachi SBEP/PD/PROC/2016 Dated: 24/10/2016.

The Managing Director, Sindh Public Procurement Regulatory Authority (SPPRA), Government of Sindh, Karachi.

Subject: NIT # SBEP/-P12-QSK-III, Dated: 15/03/2016 (2700)

Following documents in hard & soft copy of Package 12 [Qambershahdadkot (QSK-III)] are enclosed herewith as per SPP rule # 50.

- · Contract Evaluation Form.
- Work Order.
- Contract Agreement (signed).
- Schedule of requirements.
- · Integrity Pact.

For Raffque Ahmed Buriro

(Program Director)

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

1)	NAME OF THE ORGANIZATION / DEPT	Program Management & implementation Unit, Sindh Basic TEducation Program, Education & Literacy Department.
2)	PROVINCIAL / LOCAL GOVT./ OTHER	Government of Sindh
3)	TITLE OF CONTRACT	Construction of Six (06) Schools in District Qambarshahdadkot
4)	TENDER NUMBER	Package # SBEP-P12 (Qambershahdadkot QSK-III)
5)	BRIEF DESCRIPTION OF CONTRACT	Construction of Six (06) Schools in District Qambarshahdadkol
6)	FORUM THAT APPROVED THE SCHEM	
		PKR 484,160,000.00
7)	TENDER ESTIMATED VALUE	PKR 457,390,365.00
8)	ENGINEER'S ESTIMATE (For civil works only)	20 calcular constitu
9)	ESTIMATED COMPLETION PERIOD (AS	
10)	TENDER OPENED ON (DATE & TIME)	09/05/2016 at 03:30 PM
11)	NUMBER OF TENDER DOCUMENTS SO	DLD 08
	(Attach list of buyers)	
12)	NUMBER OF BIDS RECEIVED	02
13)	NUMBER OF BIDDERS PRESENT AT TI	HE TIME OF OPENING OF BIDS
14)	BID EVALUATION REPORT	SPPRA Website, S # 27090, ID # 2147483647S
	(Enclose a copy)	
15)	NAME AND ADDRESS OF THE SUCCES	SSFUL BIDDER Amcorp Engineering & Construction (Pvt) Ltd
16)	CONTRACT AWARD PRICE	PKR 511,9 52 ,846/-
17)	RANKING OF SUCCESSFUL BIDDER IN (i.e. 1st, 2nd, 3rd EVALUATION BID).	EVALUATION REPORT M/s Amcorp Engineering & Construction (Pvt) Ltd (1st Lowes)
	(i.e. 1 , 2 , 3 EVILLEATION BID).	M/s WSKB & Co (2nd Lowest)
18)	METHOD OF PROCUREMENT USED : -	(Tick one)
10)		. —
	a) SINGLE STAGE – ONE ENVELO	PE PROCEDURE Domestic/ Local
	b) SINGLE STAGE – TWO ENVELO	OPE PROCEDURE
	c) TWO STAGE BIDDING PROCED	DURE
	d) TWO STAGE – TWO ENVELOPE	E BIDDING PROCEDURE
	PLEASE SPECIFY IF ANY OTHE	ER METHOD OF PROCUREMENT WAS ADOPTED i.e.
	EMERGENCY, DIRECT CONTRACT	TNG ETC. WITH BRIEF REASONS:

20) WILI	ETHER THE REACHBEMENT WAS INCLUDE	ED IN AND	IIIAI DDC	CUDEN	AENIT	DI ANO	
20) WHI	ETHER THE PROCUREMENT WAS INCLUD	ED IN AND	NUAL PRO	Yes	✓	No No	
21) ADV	VERTISEMENT:	125					
		Yes	SPPRA W		# 2709	0, ID#	
i)	SPPRA Website (If yes, give date and SPPRA Identification)	No.)	214748364	7S			
	(If yes, give date and Si I KA identification)	No.					
IIV	Name Papara						
ii)	News Papers (If yes, give names of newspapers and dates)) Yes	Dawn, Jar (Copies ar				2016
		No					
22) NAT	TURE OF CONTRACT			Domestic/	7	Int.	
,				Local			
23) WHI	ETHER QUALIFICATION CRITERIA	NO.DE VIDEO DE					
	S INCLUDED IN BIDDING / TENDER DOCUMES, enclose a copy)	MENTS?				I II	
(II ye	es, enclose a copy)			Yes	V	No	Ш
	ETHER BID EVALUATION CRITERIA			Yes	7	No I	
	S INCLUDED IN BIDDING / TENDER DOCUMES, enclose a copy)	MENTS?	1	1 CS	<u> </u>	INO I	
(II ye	es, chelose a copy)						
25) WHI	ETHER APPROVAL OF COMPETENT AUTHO	ORITY WA	SOBTAR	ED FO	R US	NG A	
	THOD OTHER THAN OPEN COMPETITIVE B			Yes		No	1
26) WAS	S BID SECURITY OBTAINED FROM ALL TH	E BIDDER	S?			I. II	
			4	Yes	<u> </u>	No	
27) WHE	ETHER THE SUCCESSFUL BID WAS LOWES	ST EVALU	ATED	Yes	1	No	
BID	/ BEST EVALUATED BID (in case of Consulta	ncies)					
28) WHI	ETHER THE SUCCESSFUL BIDDER WAS TE	CHNICALI	LY	Yes	1	No	
	IPLIANT?						
29) WHE	ETHER NAMES OF THE BIDDERS AND TH	EIR OLIOT	ED PRICE	S WER	E RF	AD OUT	ГАТ
	TIME OF OPENING OF BIDS?	4001		Yes		No I	
	ETHER EVALUATION REPORT GIVEN	TO BIDDI	ERS BEF	ORE T	HE A	AWARD	OF
CON	TRACT?						

 ANY COMPLAINTS RECEIVED (If yes, result thereof) 	Yes	
(17 yes, result and est)	No No Complaint was Receive	ed
 ANY DEVIATION FROM SPECIFICATIONS (If yes, give details) 	The second secon	UMENTS
	Yes	
	No None	-
 WAS THE EXTENSION MADE IN RESPON (If yes, give reasons) 	SE TIME? Yes	
	No None	
34) DEVIATION FROM QUALIFICATION CRIT	. 5.750	
(If yes, give detailed reasons.)	Yes	
	No None	
35) WAS IT ASSURED BY THE PROCURING BLACK LISTED?		M IS NO
36) WAS A VISIT MADE BY ANY OFFICER/O SUPPLIER'S PREMISES IN CONNECTION BE ASCERTAINED REGARDING FINANCI (If yes, enclose a copy)	WITH THE PROCUREMENT? IF SO, DE NG OF VISIT, IF ABROAD:	Y TO TH TAILS T
37) WERE PROPER SAFEGUARDS PROVIDE THE CONTRACT (BANK GUARANTEE ET	0.12	MENT I
38) SPECIAL CONDITIONS, IF ANY (If yes, give Brief Description)	Yes	+
Sindh Baic Education	No None Program	
Authorized Officer Rafique Ahmed Bur	iro	

<u>SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi</u> Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

Print Save Reset



Sindh Basic Education Program

Program Management & Implementation Unit Education and Literacy Department Government of Sindh

Phone: 021-35296931, Fax: 021-35296935 D-29, Block-2, Clifton, Karachi No.: SBEP/PD/PROC/2016

Dated: 24/10/2016

Work Order

M/s Amcorp Engineering & Construction (Pvt) Ltd Address: LS-30, Block 13, FB Area, Karachi, Pakistan.

Subject: Construction of six (06) schools in District Qambershahdadkot [P12 (QSK-II1)].

Reference: Package # SBEP-P12-QSK-III.

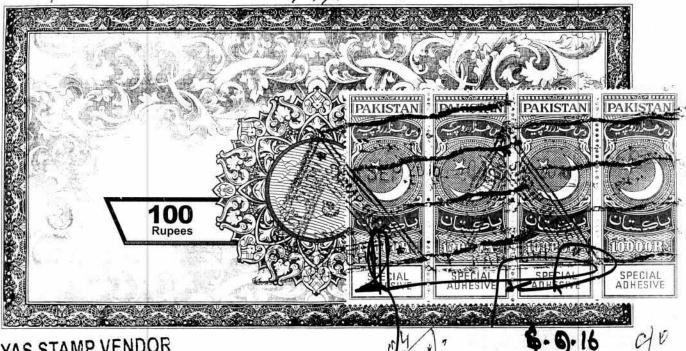
This is to notify that your bid opened on May 9th 2016 for construction of (06) schools in Qambershahdadkot (Taluka Shahdadkot & Qubo Saeed Khan) (QSK-III) under Sindh Basic Education Program for the contract amount of **PKR 511,952,846**/- (Five hundred and eleven million, nine hundred and fifty two thousand, eight hundred and fourty six only) as corrected and modified in accordance with the "Instructions to the Bidders" is hereby accepted.

You are therefore awarded the contract for the subject Works.

For Rafique Ahmed Buriro (Program Director) G484455 17.91.035/

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(RUPEES ONE HUNDRED ONLY



ILYAS STAMP VENDOR

No.

55357

CONTRACT AGREEMENT

2 6 APR 2016

Contract Amount:

PKR. 511,952,846/- (Five hundred eleven million, nine hundred &fifty

two thousand, and eight hundred forty six only).

Bid Reference:

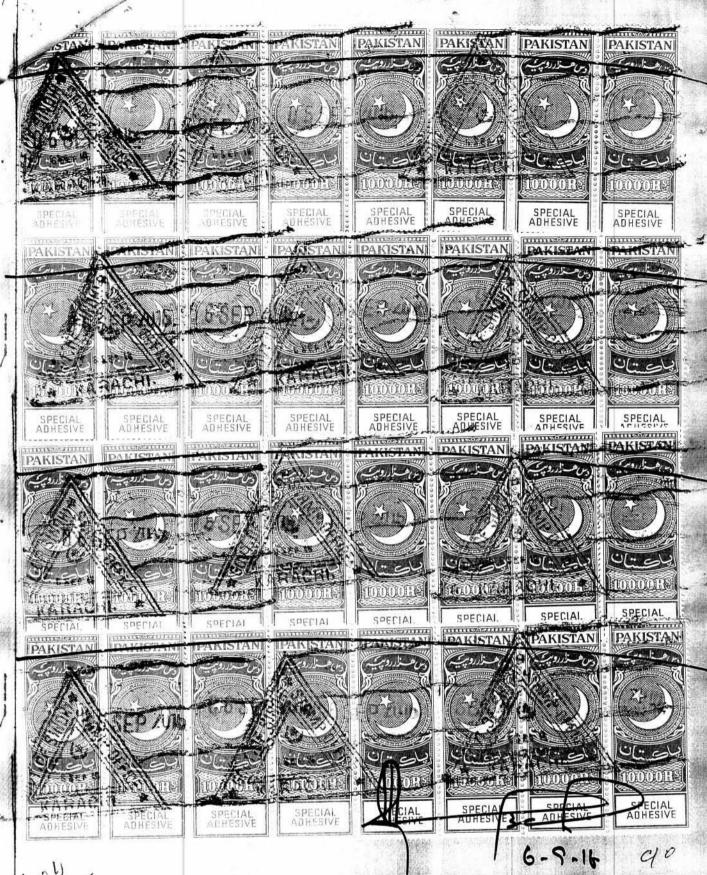
SBEP--P12-QSK-III

Letter of Award: SBEP/PD/PROC/2732/2016, Dated: 30/08/2016

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the day of September2016 between Program Management and Implementation Unit (PMIU) Sindh
Basic Education Program, Education & Department, Government of Sindh
(hereafter called the "Procuring Agency / Employer") of the one part and M/s. <a href="AMCORP Engineering & Construction (Pvt.) Limited (formally Al Mumtaz Corporation) having office at LS-30, Block 13, Federal —B- Area, Karachi, Sindh. Ph. 021-36801689-91 Fax: 021 36378958 (hereafter called the "Contractor") of the other part.

WHEREAS the Procuring Agency / Employer is desirous that certain Works, viz Package No... SBEP-P12-QSK-III: Construction of six Schools in District Qambar-Shahdadkot (Taluka Shahdadkot & Qubo Saeed Khan):

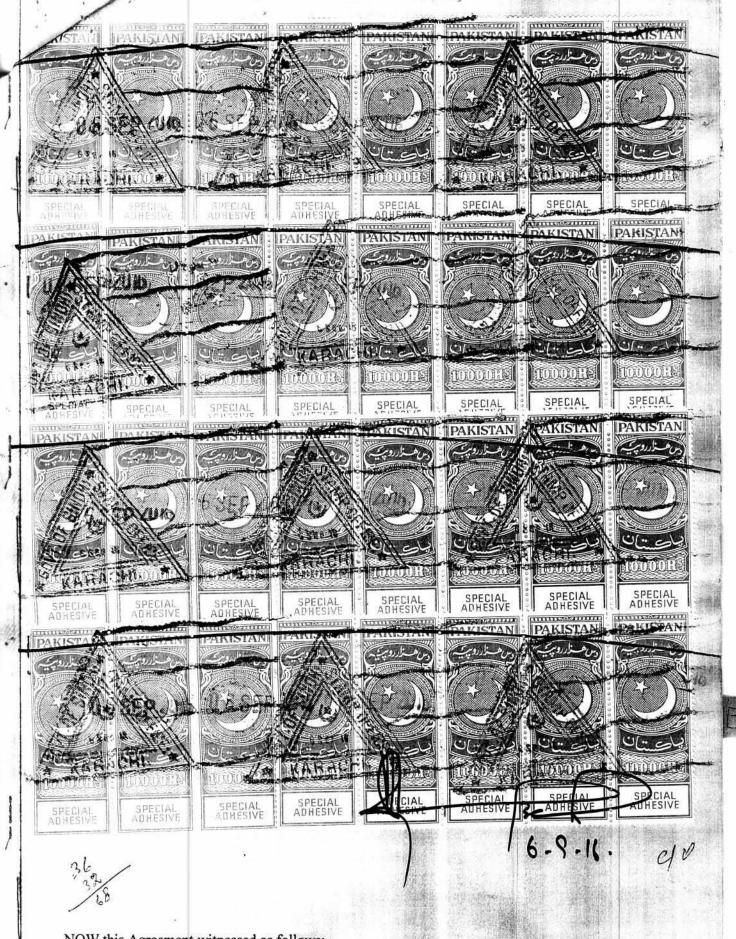
- 1) P12-QSK87 GBPS Angh Taluka Shahdadkot
- 2) P12-QSK88 GBPS Aitebar Khan Chandio Taluka Shahdadkot
- 3) P12-QSK89 GBPS Sahib Khan Bhatti Taluka Shahdadkot
- 4) P12-QSK90 GBMS Sanjar Bhatti Taluka Shahdadkot



5) P12-QSK91 GBHS Umedd Ali Junejo Taluka Shahdadkot

6) P12-QSK94 GBLSPull-97 Taluka Qubo Saeed Khan.

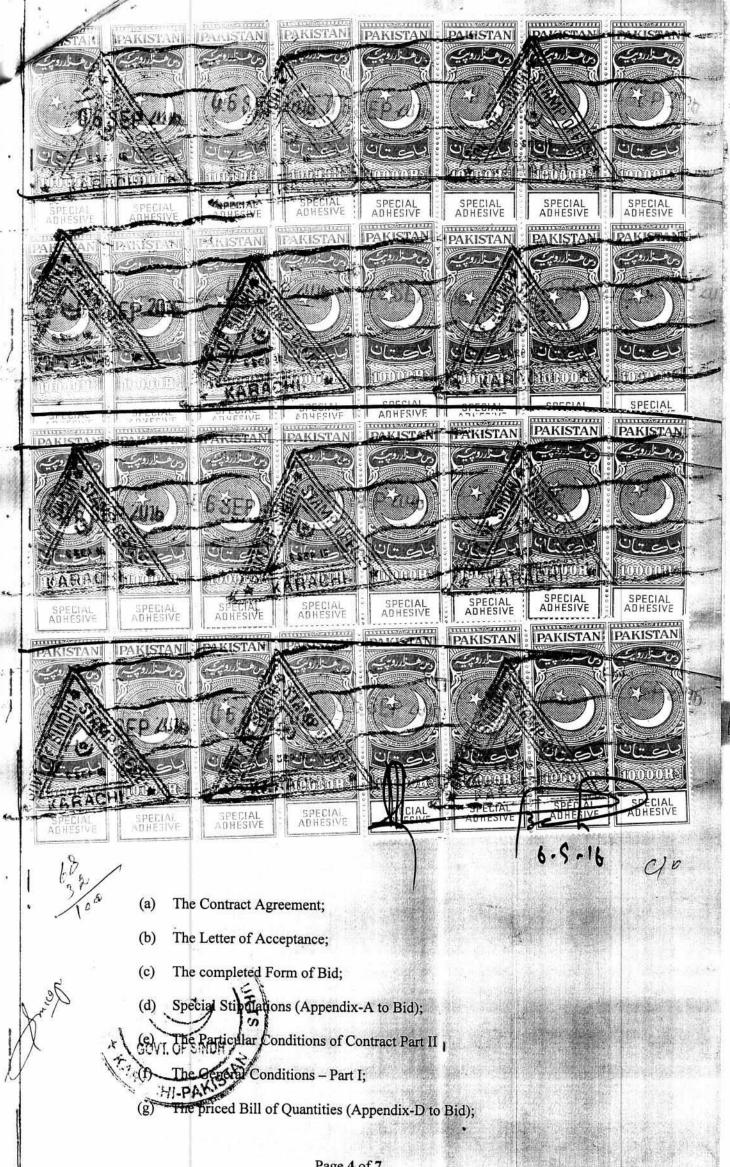
Construction of double storey buildings, complete in all respects with all works including civil, structural, architectural, plumbing, water supply, sewerage networks and related electrical and mechanical works along with external and landscaping works as described in the drawings and Bill of Quantities in detail should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

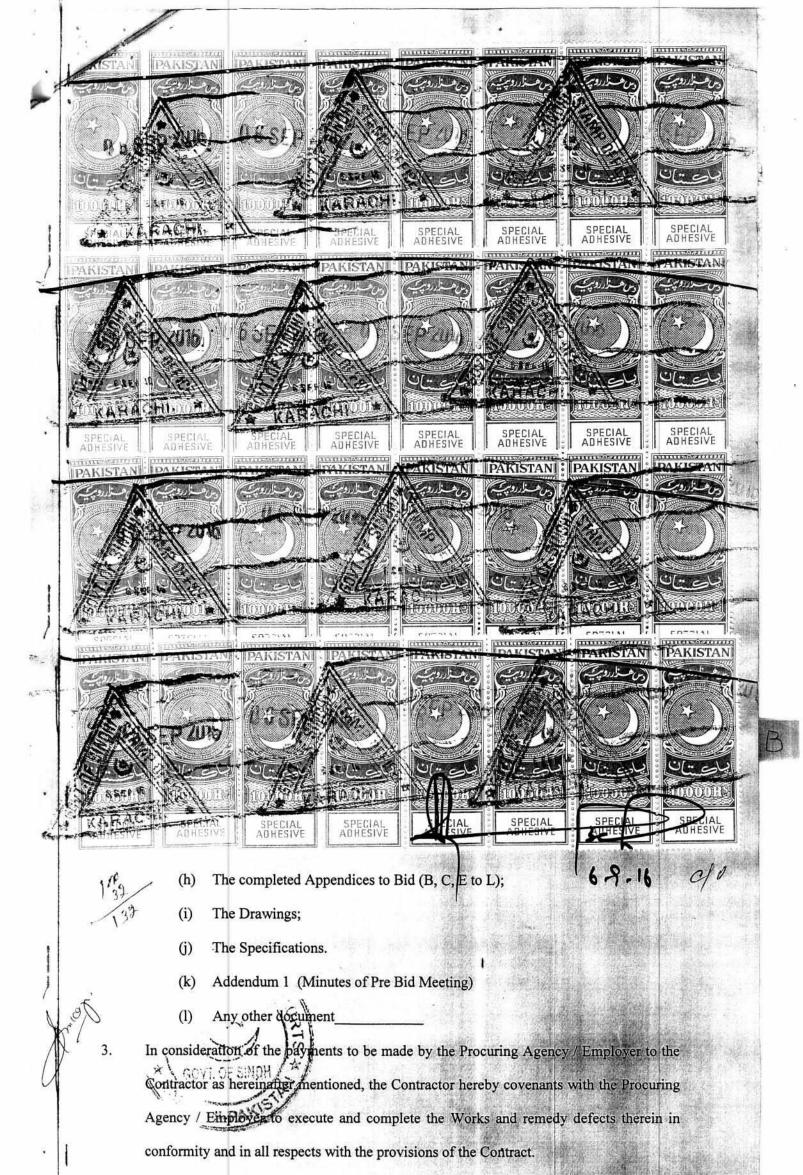


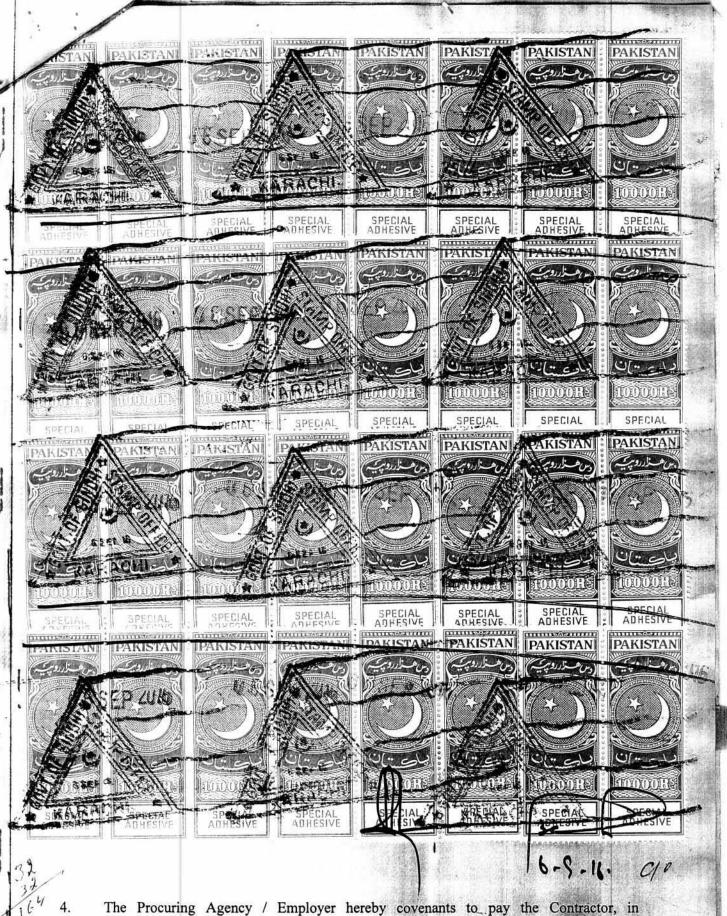
NOW this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:

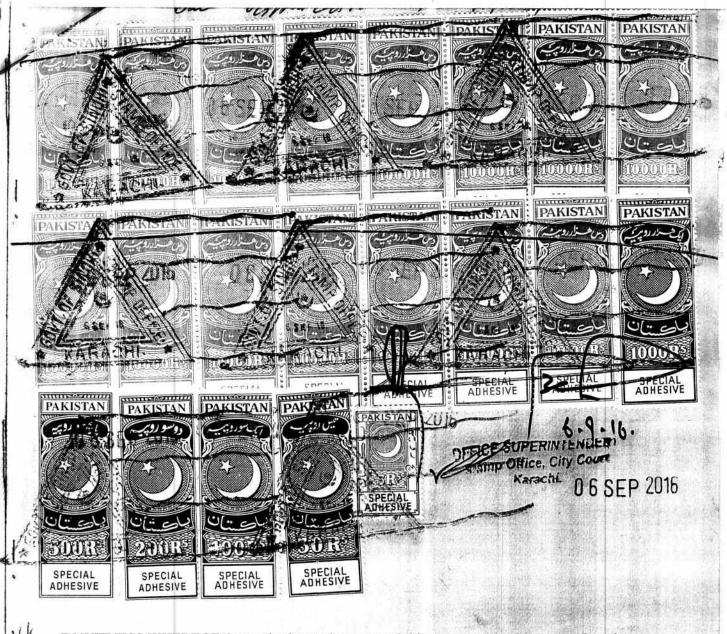






The Procuring Agency / Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Any dispute if so arises during the project life cycle will be amicably resolved with the decisions of mutually agreed arbitrator, which will be decided later on who has consented to act as Arbitrator at & when needed.



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

Signature of the Contactor

Signature of Procuring Agency / Employer

Signature of the Contactor

Name: Ali Raza Kazmi

Designation: Director M/s. AMCORP Engineering & Construction (Pvt.) Limited

CNIC: 42101-1566873-9

(Seal)

Address:

Signed, Sealed and Delivered in the presence of:

Name: Nasa Lie 2 1000

Signature of Procuring Agency / Employer

Name: Raffigue Atimed Buriro (PAS)

Designation: Program Director, SBEP PMIU

CNIC: 412036433310-1

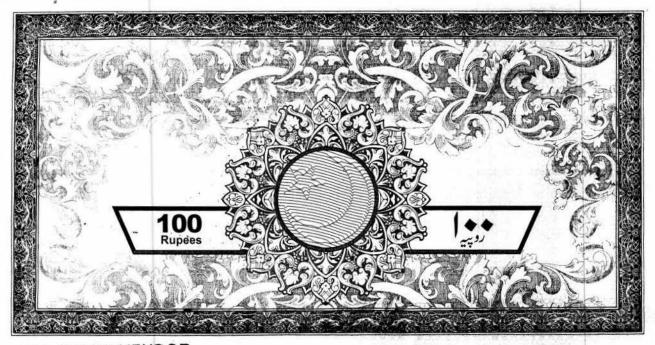
(Seal)

Witness: \m/9

Name: Intiaz Blatts

Title:

Address:



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S.No.

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SAUE TO WITH ADDRESS inging with Abbild & Brunning Hough

INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABALE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS CONTRACTS

Contract No.

SBEP-P12-QSK-III

Dated 6th September 2016

Contract Value:

PKR 511,952,846

Contract Title:

Construction of Six (06) Schools in District Qambar-Shahdadkot

(Taluka Shahdadkot & Qubo Saeed Khan)

M/S. AMCORP Engineering & Construction (Pvt.) Ltd, hereby declares its intention not to obtain or induce the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, M/S. AMCORP Engineering & Construction (Pvt.) Ltd represents & warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or Kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from Procuring Agency (PA), expect that which has been expressly declared pursuant hereto.

M/S. AMCORP Engineering & Construction (Pvt.) Ltd certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/S. AMCORP Engineering & Construction (Pvt.) Ltd accepts full responsibility and strict liability for making any false declaration, not making full disclosures, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation or warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained & procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, M/S. AMCORP Engineering & Construction (Pvt.) Ltd agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by M/S. AMCORP Engineering & Construction (Pvt.) Ltd. as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

Name of Buyer: PD PMIU

Signature:

[Seal]

Program Director Sindh Basic Education Program Government of Sindh Name of Seller/Supplier:

Amcorp Engineering & Construction

(Pvt.) Ltd.

Signature:

[Seal]

Sindh Basic Education Program - SBEP Package-12: Construction of Six (06) Schools in District Qambar-Shahdadkot (Taluka Shahdadkot & Qubo Saeed Khan) Bid Reference No: SBEP-P12-QSK-III



Schedule of Requirements

Appendix - H

Schedule of Requirement

SINDH BASIC EDUCATION PROGRAM

CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS

Package No: SBEP-P12-QSK-III

Construction of Six (06) School in District Qambar-Shahdadkot

P12-QSK87 GBPS ANGH TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

SUMMARY OF TENDERED COST

CODE	Description	Engineer's Estimate	M/s. AMCORP Engineering & Construction (Pvt) Ltd.	%age Diff	M/s. WSKB & Company	%age Diff
Α	GENERAL ITEMS	4,232,773	6,868,693	62%	4,661,006	10%
В	CIVIL WORKS	55,465,449	55,501,688	0.07%	65,258,229	18%
С	EXTERNAL WORKS	7,282,534	9,450,395	30%	8,989,159	23%
D	ELECTRICAL WORKS	5,749,109	6,772,976	18%	11,342,650	97%
Е	PLUMBING WORKS	2,568,075	3,738,578	46%	2,893,075	13%
	Total Cost of School (PKR)	75,297,940	82,332,330	9.34%	93,144,119	24%

LE COLLEGE	to a residence of the same of	945	T. K	Enginee	r's Estimate	M/s. AMCC	RP Engg &	Const.	M/s. WS	KB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 01 G 14	SIGN BOARD / PLAQUE Ref.Spec. No. SP 100 Providing and installation of Project sign board as per drawing complete including all civil related works, foundations, earthwork concrete, protection works complete as directed by the Engineer.	1	Job	45,500	45,500	99,000	99,000	118%	25,000	25,000	-45%
01- 01 G 15	Providing, construction and installation of Inauguration Plaque as per drawing complete including all civil related works, foundations, earthwork concrete, protection works etc complete as directed by the Engineer.	1	Job	25,000	25,000	39,600	39,600	58%	25,000	25,000	0%
02- 01 G 16	Providing and maintenance of the Engineer's facilities at individual school site as per clause SP 44. All items/materials/equipment shall become contractor's property at the completion of works.	20	Month	60,000	1,200,000	125,400	2,508,000	109%	10,000	200,000	-83%
01- 01 G 17	WATER TESTING Ref.Spec. No. Sampling and testing of Water from bore of well (TDS) including submission of report as per specification.	1	Each	5,000	5,000	39,600	39,600	692%	3,000	3,000	-40%
	Sub- Total (Rs.)				3,432,773		6,068,693	77%		3,861,006	12%
	PROVISIONAL SUMS Repair & renovation of existing Governmet building proposed for temporary school during the construction. (The payable amount shall be assessed as per actual rehabilitation work on selected building and as per recommendation by the Engineer on BOQ rates of similar items quoted in the bid). New Utility connection or shifting & relocation of existing		P.S		500,000		500,000			500,000	
	Electric HT lines passing through the school plan incuding all approvals from concerned department/agency and providing, installing/fixing of poles, PMT etc along with all associated civil work like concrete foundation, mounting base, arial conductors, grounding etc. complete in all respects & as directed by the Engineer		P.S		300,000		300,000			300,000	
	Sub- Total (Rs.)				800,000		800,000			800,000	
	Total Cost for General Items Pak Rs.				4,232,773		6,868,693			4,661,006	

		OTY			s Estimate		ORP Engg &	Const.	M/s. WS	SKB & Comp	any
item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 11	P.C.C UNDER FLOORING Ref. Spec. No. C07 PCC 4* thick plain cement concrete (using slag cement conforming to 85-146) sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.	6,800	Sq.ft.	83	564,400	77	523,600	-7%	53	360,400	-36%
01- 02 C 12	PLINTH PROTECTION Ref. Spec. No. C04 & C07 Blinding concrete 1250 psi using slag cement conforming to BS-146	415	Cft.	243	100,845	199	82,585	-18%	160	66,400	-34%
01- 02 C 13	PROTECTION WORKS Ref.Spec. No. C16 Vapor barrier sheet, under the floor as per drawings and specifications.	6,800	Sq.ft.	16	108,800	7	47,600	-56%	10	68,000	-38%
01- 02 C 14	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	13,300	Sq.ft.	19	252,700	42	558,600	121%	25	332,500	32%
01- 02 C 15	SUPER-STRUCTURE WORKS Ground Floor (From Plinth level to 1st Slab) REINFORCEMENT Ref.Spec. No. C04 Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	33	ton.	142,289	4,695,537	114,385	3,774,705	-20%	125,000	4,125,000	-12%
01- 02 C 16	Hot rolled deformed steel bars conforming to ASTM A-108 grade 40 having tensile strength equal to or more than 40,000 psi.	Rate only	ton.			110,306			125,000		
01- 02 C 17	PLAIN AND REINFORCED CONCRETE AND FORM Ref. Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification; a) Columns b) Beams & lintels c) Slab & projections d) Stair cases e) Precast window sill as per design and erecting/	1,080 1,850 3,790 373	Cft. Cft. Cft. Cft.	405 411 385 445	437,400 760,350 1,459,150 165,985	474 460 369 524	511,920 851,000 1,398,510 195,452	17% 12% -4% 18%	500 500 500 500	540,000 925,000 1,895,000 186,500	23% 22% 30% 12%
	fixing including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases First Floor (From 1st Slab to 2nd slab)	150 84	Cft.	392 533	58,800 44,772	726 837	108,900 70,308	85% 57%	500 500	75,000 42,000	28% -6%
01- 02 C 18	REINFORCEMENT Ref.Spec. No. C04 Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	29	ton.	142,289	4,126,381	115,045	3,336,305	-19%	126,000	3,654,000	-11%
01- 02 C 19	Hot rolled deformed steel bars conforming to ASTM A-108 grade 40 having tensile strength equal to or more than 40,000 psi.	Rate only	ton.			110,966			126,000		
01- 02 C 20	PLAIN AND REINFORCED CONCRETE AND FORM Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification;	WORKS									
	a) Columns b) Beams & lintels c) Slab & projections d) Stair cases e) Precast window sill as per design and erecting/	1,130 1,900 3,790 176	Cft. Cft. Cft. Cft.	408 414 388 448	461,040 786,600 1,470,520 78,848	488 474 380 540	551,440 900,600 1,440,200 95,040	20% 14% -2% 21%	500 500 500 500	565,000 950,000 1,895,000 88,000	23% 21% 29% 12%
	fixing including shuttering, all accessories or embedded parts. If Parapet wall for stair cases	130 30	Cft.	395 536	51,350 15,919	748 862	97,240 25,601	89% 61%	500 500	65,000 14,850	27% -7%

					s Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	ALUMINIUM WORKS			(NS.)	(na)	Jus.)	(res)		300000	(ma)	
01- 02 C 30	Ref.Spec. No. C11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2"x4" section, approved manufacturer having minimum wall thickness not less than 1.6 mm with netted shutter and 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specifications.	1,350	Sq.ft.	1,200	1,620,000	1,365	1,842,750	14%	2,425	3,273,750	102%
01- 02 C 31	Supply and fix in position as specified anodized aluminum doors with fixed panel both side and top of approved 2"x4" section, manufacturer having minimum wall thickness not less than 1.6 mm with 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specifications.	105	S-4	1.602	177 650	1.046	406 680	-40%	2 220	233,100	31%
		105	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
01- 02 C 32	STRUCTURAL STEEL Ref. Sec. No. C13 Mild steel grills as per approved design including fabrication, transport, handling, installation & synthetic enamel paint over red oxide primer complete in all respect as shown on the drawings and specification.	1,770	Kg	160	283,200	198	350,460	24%	285	504,450	78%
01- 02 C 33	Providing and fixing railing for stairs/ramps as per drawing and specifications complete in all respect.										
	a) MS railing stairs b) M.S railing at entrance	51 50	Rft Rft	300 320	15,300 16,000	759 627	38,709 31,350	153% 96%	4,800 4,800	244,800 240,000	1500% 1400%
01- 02 C 34	Providing and fixing MS pipe railing for courtyard with paintings, as per drawing and specifications complete in all respect and approved by the Engineer.	110	Rft	1,300	143,000	759	83,490	-42%	4,000	440,000	208%
01- 02 C 35	Providing and fixing MS folding gate (Emergency Exit) with paintings, complete in all respects as per drawing and specifications.	1	No	46,000	46,000	42,755	42,755	-7%	50,000	50,000	9%
01- 02 C 35	Providing and fixing MS folding Main entrance gate with paintings, complete in all respects as per drawing and specifications.	2	No	60,000	120,000	67,186	134,372	12%	100,000	200,000	67%
01- 02 C 36	FLOOR AND WALL FINISHES Ref.Spec. No. C07 Providing and laying terrazzo tile for floor with size of 12*x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	6,120	Sq.ft.	170	1,040,400	197	1,205,640	16%	150	918,000	-12%
01- 02 C 37	Providing and laying terrazzo tile for entrance ramp (3/4" thick) with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	75	Sq.ft.	170	12,750	197	14,775	16%	175	13,125	3%
01- 02 C 38	Providing and laying terrazzo tile skirting 4" high using tile of approved size, quality, colour and shade laid including rough plaster base complete in all respect as per drawing, specification and as directed by the Engineer.	315	Sq.ft.	227	71,505	339	106,785	49%	160	50,400	-30%
01- 02 C 39	Porcelain tile floor (type) using tile of size 8"x8" (full body), approved quality, colour and shade laid in approved pattern set in specified mortar including cement concrete base, complete in all respect as shown on the drawings and specifications.	730	Sq.ft.	367	267,910	280	204,400	-24%	150	109,500	-59%

2000				Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
01- 02 C 50	Fixed 6mm plain laminated glass panel part at above door panel with solid wood batten including teak polish/ lacker at both sides arround the glass of approved type, quality complete in all respect as shown on the drawings and specifications.	110	Sq.ft.	570	62,700	594	65,340	4%	1,000	110,000	75%
01- 02 C 51	FALSE CEILING Ref. Spec. No. 1/2" thick gypsum board ceiling including all G.I fitting, accessories, wire and suspension system complete in all respect as shown on the drawings and specifications.	730	Sq.ft.	96	70,080	231	168,630	141%	115	83,950	20%
01- 02 C 52	Pre cast C.C Patren jali Ref.Spec. No. C.C Patren jali as per approved designed and specification	600	Sq.ft.	127	76,200	101	60,600	-20%	335	201,000	1649
01- 02 C 53	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	5,000	Sq.ft.	229	1,145,000	313	1,565,000	37%	400	2,000,000	75%
	FINISHING WORKS For First floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specifications. a) 4-1/2" thick b) 9" thick	890 3,890	Cft.	317 307	282,130 1,194,230	319 310	283,910 1,205,900	1% 1%	415 410	369,350 1,594,900	31% 34%
	c)13-1/2" thick DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided inner & outer side and polish/ paint matching with door, complete hardware/ fitting material (Hold fast & mortar etc) sizes and patam detail as per schedule with lacquer polish complete in all respect as shown on the drawings and specifications.	35	Cft.	305	10,675 88,875	258 460	9,030	-15% 104%	130	14,000 51,350	-42%
01- 02 C 56	CEMENT PLASTER Ref.Spec. No. C 06 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers including complete in all respect as shown on the drawings.	175	Sq.ft.	63	11,025	88	15,400	40%	55	9,625	-13%
	1/2" thick, 1.4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	9,704	Sq.ft.	51	494,904	55	533,720	8%	45	436,680	-12%
	1/2* thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	13,000	Sq.ft.	68	884,000	95	1,235,000	40%	50	650,000	-26%

				Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s. WSKB & Company		
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 70	Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings.	52	Sq.ft.	253	13,156	418	21,736	65%	415	21,580	649
01- 02 C 71	PAINTING Ref.Spec. No. C 10 Providing and applying three or more coats of distemper paint to C.C Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.	9,704	Sq.ft.	24	232,896	27	262,008	13%	45	436,680	889
01- 02 C 72	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.	13,000	Sq.ft.	37	481,000	41	533,000	11%	45	585,000	229
D1- 02 C 73	WOODEN DOORS Ref. Spec. No. C 09, 12 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1 1/2" thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per schedule and finish with lacker polish complete in all respect as shown on the drawings and specifications.										
		560	Sq.ft.	966	540,960	1,478	827,680	53%	1,000	560,000	49
01- 02 C 74	Fixed 6mm plain laminated glass panel part at above door panel with solid wood batten including teak polish/ lacker at both sides arround the glass of approved type, quality complete in all respect as shown on the drawings and specifications.	124	Sq.ft.	570	70,680	612	75,888	7%	1,200	148,800	111%
01- 02 C 75	FALSE CEILING Ref.Spec. No. 12mm thick gypsum board ceiling including all G.I fitting, accessories, wire and suspension system complete in all respect as shown on the drawings and specifications.	500	Sq.ft.	96	48,000	238	119,000	148%	115	57,500	20%
01- 02 C 76	Pre cast C.C Patren jali and Railing Ref.Spec. No. C.C Patren jali as per approved designed and specification	680	Sq.ft.	127	86,360	104	70,720	-18%	335	227,800	164%
01- 02 C 77	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	3,900	Sq.ft.	232	904,800	322	1,255,800	39%	400	1,560,000	72%
01- 02 C 78	WATER PROOFING AND BUILTUP ROOFING Ref.Spec. No.C 16 Water proofing and built up roofing over roof slab comprising all the layers and coatings etc as shown										
	in the drawings and specifications.	7,500	Sq.ft.	349	2,617,500	255	1,912,500	-27%	157	1,177,500	-55%

					's Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
Item	Item Description .	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 91	MARBLE WORKS Ref. Spec. No. C 07, 08 Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings.		Sq.ft.	253	1,518	427	2,562	69%	900	5,400	256%
01- 02 C 92	PAINTING Ref Spec. No. C 10 Providing and applying three or more coats of distemper paint to C.C Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.		Sq.ft.	24	9,312	28	10,864	17%	15	5,820	-38%
01- 02 C 93	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.		Sq.ft.	37	33,374	42	37,884	14%	45	40,590	22%
01- 02 C 94	Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc.complete in all respect as directed by the Engineer.	2,504	Sq.ft.	30	75,120	41	102,664	37%	40	100,160	33%
01- 02 C 95	WOODEN DOORS Ref Spec. No. C 09, C12 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1:1/2* thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per schedule and finish with lacker polish complete in all respect as shown on the drawings and specifications.										
	Pre cast C.C Patren jali and Railing	49	Sq.ft.	966	47,334	1,523	74,627	58%	1,000	49,000	4%
01- 02 C 96	Ref.Spec. No. C.C Patren jali as per approved designed and specification	100	Sq.ft.	127	12,700	107	10,700	-16%	335	33,500	164%
01- 02 C 97	Precast water spout as per approved designed and specification	15	No.	425	6,375	2,376	35,640	459%	600	9,000	41%
01- 02 C 98	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	2,900	Sq.ft.	239	693,100	328	951,200	37%	400	1,160,000	67%
	Total Cost for CIVIL WORKS Pak Rs.				55,465,449		55,501,688			65,258,229	

SECTION 3 EXTERNAL DEVELOPVEMENTWORKS

Water		1		Engineer	's Estimate	M/s. AMC	ORP Engg &	Const	THE RESERVE OF THE PARTY OF THE		
Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Dif
				(Rs.)	(Rs)	(Rs.)	(Rs)		(Rs.)	(Rs)	
01- 03 D10	Solid brick masonry wall with pointing on both faces above plinth beam set in 1.4 cement sand mortar, straight or curve at any level including all anchors, walls ties, and other fixtures required to be built in brick masonry, complete in all respect as per Drawings and specifications.										
	a) 4-1/2" thick	1,353	Cft.	305	412,635	309	418,046	1%	415	561,454	369
01- 03 D11	CEMENT PLASTER Ref. Spec. No. C06 3/4" thick, 1:4 cement sand plaster to specified exterior										
01- 03.011	surfaces (Columns, wall, beams and project etc.) including making grooves as per design and elevation complete in all respect as shown on the drawings.	2,613	Sq.ft.	63	164,619	85	222,105	35%	55	143,715	-139
01- 03 D12	PROTECTION WORKS Ref. Spec. No. C16 Two coats of hot bitumen 10/20 of approved quality applied										
	to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	4,339	Sq.ft.	19	82,441	42	182,238	121%	25	108,475	32%
01- 03 D13	COPING Ref. Spec. No. C04 Providing and fixing 3" thick coping including plaster using OP cement for boundary wall complete as shown on the drawings.	535	Rft.	60	32,070	116	62,002	93%	130	69,485	117%
	STRUCTURAL STEEL										
01- 03 D14	Ref. Sec. No. C13 Mild steel main gate with approved wood planks per as per drawing/ design including fabrication, handling, installation & synthetic enamel paint over red oxide primer and polish on wood works with all iron mongrey / accessories complete in all respect as shown in the drawings. (Size: 14'x7')	1	no	165,000	165,000	116,424	116,424	-29%	100,000	100,000	-39%
01- 03 D15	Mild steel wicket gate with approved wood planks per as per drawing/ design including fabrication, handling, installation & synthetic enamel paint over red oxide primer and polish on wood works with all iron mongrey / accessories complete in all respect as shown in the drawings. (Size: 3'X7')	1	no	35,000	35,000	24,948	24,948	-29%	50,000	50,000	43%
	LANDSCAPING		1.55-			\$2.00 CO.			25(3)(2000)		
01- 03 D 16	Ref. Sec. No. Fill and backfill with selected materials including watering and compaction to every layer as per specification.	740	Cft.	8	5,920	40	29,600	400%	10	7,400	25%
01- 03 D17	Area Fill with selected materials including watering and	00.040	0.0		202 554			4000	95	550,000	700
	compaction to every layer as per specification.	22,040	Cft.	14	308,554	40	881,584	186%	25	550,990	79%
01- 03 D18	Relocation and replanting of removed trees as per specifications and and as directed by the Engineer.	Rate only	No.	4,000		165,000		4025%	2,500		-38%
01- 03 D19	Development of lawn (grass) including fertilizer mixed with earth including spreading and watering etc. and cutting etc. till guarantee period (12 months) complete in all respect as shown on the drawings and as per specifications.										
		4,251	Sq.ft.	28	119,028	165	701,415	489%	60	255,060	114%
01- 03 D20	12" thick approved selected sweet earth including spreading, levelling, dressing and watering etc. complete in all respect as per specifications and as directed by the Engineer.	4,251	Cft.	20	85,020	53	225,303	165%	35	148,785	75%
01- 03 D21	Trees/plants of the following types and size/height including excavation, backfilling, manure/ fertilizer, supports and water etc. complete in all respect as shown on the drawings, specifications and as directed by the Engineer.										
	a) Neem (3 to 4 feet) b) Babul (3 to 4 feet) c) Golmohar (3 to 4 feet) d) Champa (2 to 3 feet)	8 7 14 12	No. No. No.	200 200 300 250	1,600 1,400 4,200 3,000	528 264 264 528	4,224 1,848 3,696 6,336	164% 32% -12% 111%	1,000 1,000 1,000 1,000	8,000 7,000 14,000 12,000	400% 400% 233% 300%
	e) Crape Jasmine (2 to 3 feet) f) Cement Concrete planters.	13 100	No. Rft	150 400	1,950 40,000	528 691	6,864 69,100	252% 73%	1,000 500	13,000 50,000	567% 25%

		Large Distriction	720.000	100	Engineer	's Estimate	ELECTRIC PROPERTY AND ADDRESS.	ORP Engg &	Const	ALC: NO COL	SKB & Com	pany
	Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
		AND DAILY DON'T CONTROL OF THE STATE OF THE			(res.)	(Ks)	(r.s.)	(KS)		(13.)	(IVa)	
01-	03 D34	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings complete in all respect as shown on the drawings and specifications.	0	Sq.ft.	42	ě	85		102%	50		19%
01-	03 D35	Providing embeding 10* wide PVC water stopper in construction joints in R.C.C. work complete in all respects, as per drawing and directed by the Engineer.	46	Rft.	309	14,183	422	19,370	37%	1,250	57,375	305%
01-	03 D36	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.	2	No.	28,820	57,640	5,940	11,880	-79%	7,500	15,000	-74%
01-	03 D37	and the second control of the second		1112000					-3.00000			
			14	No.	2,390	33,460	3,300	46,200	38%	1,500	21,000	-37%
01-	03 D38	Soakage Pit Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	712	Cft.	12	8,544	13	9,256	8%	10	7,120	-17%
		b) More than 5 ft upto 10 ft.	712 784	Cft.	15 17	10,680 13,328	20 26	14,240 20,384	33% 53%	15 25	10,680 19,600	0% 47%
01-	03 D39	c) More than 10 ft upto 17 ft Blinding concrete 1250 psi using slag cement conforming to BS-146.	20	Cft.	243	4,860	199	3,980	-18%	185	3,700	-24%
01-	03 D40	Solid brick masonry wall of the following thicknesses set in										
		1:4 cement sand mortar. a) 18" thick	512	Cft	250	128,000	211	108,032	-16%	390	199,680	56%
		b) 13-1/2" thick b) 9" thick	144 72	Cft Cft	250 250	36,000 18,000	250 301	36,000 21,672	0% 20%	400 410	57,600 29,520	60% 64%
01-	03 D41	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer. Pre-cast / Cast in Situ R.C.C Slab	72	Cft	325	23,400	594	42,768	83%		37,080	58%
01-	03 D42	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.25	Ton	142,289	35,572	114,385	28,596	-20%	125,000	31,250	-12%
01-	03 D43	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the										
		Engineer.	1	No	28,820	28,820	5,940	5,940	-79%	8,000	8,000	-72%
01-	03 D44	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	14	No	2,390	33,460	3,300	46,200	38%	1,500	21,000	-37%
01-	03 D45	Ground Storage Tank / Pump Room Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer.	500	0.0		4.000	***	6.500			F 0.7F	47700
		a) 0 to 5 ft b) More than 5 ft upto 10 ft.	508 8	Cft. Cft.	12 15	6,090 126	13 20	6,598 168	8% 33%	10 15	5,075 126	-17% 0%
01-	03 D46	Blinding concrete 1250 psi using slag cement conforming to BS-146	34	Cft.	243	8,165	199	6,686	-18%	185	6,216	-24%
01-	03 D47	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.	70	Cft.	200	19,600	297	20,790	6%	515	36,050	84%
		a) Base Slab. b) Walls including chamfer etc.	70 179	Cft.	280 345	61,583	472	84,252	37%	515	91,928	49%
		c) Top slabs d) Precast Slab	7	Cft.	350 350	8,400 2,450	335 515	8,040 3,605	-4% 47%	515 515	12,360 3,605	47% 47%

and the second		1	201201	Engineer	's Estimate	M/s. AMC	ORP Engg &	Const	M/s. W	SKB & Com	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
				(RS.)	(RS)	(RS.)	(RS)	Dr. Collins	(RS.)	(PCS)	SALE CE
01- 03 D6	1 Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 1 coat of crystalline water proofing coating on horizontal surfaces.	58	Sq.ft.	60	3,486	37	2,150	-38%	100	5,810	67%
	Tube Well / Penumatic Pump Construction works										
01- 03 D6	2 Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	85	Cft.	12	1,020	13	1,105	8%	10	850	-17%
01- 02 C (3 Fill and backfill with selected materials including watering and compaction to every layer as per specification.										
	a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material / source to be	20	Cft.	8	160	13	260	63%	175	3,500	2088%
	approved by the Engineer) upto free haulage limit.	40	Cft.	22	880	40	1,600	82%	250	10,000	1036%
01- 03 D6	4 Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	243	12,150	199	9,950	-18%	185	9,250	-24%
01- 03 D6	5 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification;										
	Pre-cast R.C.C Slab	15	Cft.	350	5,250	594	8,910	70%	515	7,725	47%
01- 03 D6	6 Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.05	Ton	142,289	7,114	114,385	5,719	-20%	125,000	6,250	-12%
01- 03 D6	7 Solid brick masonry wall with brick coping of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specification.										
	a) 18" thick b) 13-1/2" thick a) 9" thick	40 30 175	Sft Sft Sft	250 250 250	10,000 7,500 43,750	211 250 301	8,440 7,500 52,675	-16% 0% 20%	390 390 400	15,600 11,700 70,000	56% 56% 60%
01- 03 D6	8 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.	285	Sq.ft.	63	17,955	85	24,225	35%	45	12,825	-29%
01- 03 D6	9 1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	25	Sq.ft.	51	1,275	53	1,325	4%	35	875	-31%
01- 03 D7	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	150	Sq.ft.	68	10,200	93	13,950	37%	40	6,000	-41%
01- 03 D7	* COMMENT OF CONTROL OF THE WAS TO SENS CONTROL FROM CONTROL OF THE WAS CONTROL.	25	Sq.ft.	42	1,050	67	1,675	60%	115	2,875	174%
01- 03 D7	PCC 4" thick plain cement concrete sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.	25	Sq.ft.	74	1,850	77	1,925	4%	185	4,625	150%
01- 03 D7	Plain cement concrete 2" thick floor & screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.										
	The second section of the second state of the second section (section (section (section (section (section (sec	25	Sq.ft.	44	1,100	54	1,350	23%	85	2,125	93%

Book of			District Control		Engineer	's Estimate	M/s. AMC	ORP Engg 8	Const	M/s. WS	SKB & Com	pany
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
					(RS.)	(RS)	(RS.)	(RS)	10-29 [10-0.03 [(ns.)	(ns)	
01- 031	surfaces smoo scaffoldings (wa members etc.) in course, edges,	tement sand plaster to specified exterior the trowelled at any height with all all, beams, projection or any structural cluding making grooves as per design, dip chamfers and complete in all respect as twings and specifications.	129	Sq.ft.	63	8,140	85	10,982	35%	45	5,814	-29%
01- 031	interior surfaces openings requir	ement sand smooth trowelled plaster to of walls, including making of all types of ed for windows & door etc with jams eight with all scaffoldings etc.	107	Sq.ft.	68	7,283	93	9,960	37%	40	4,284	-419
01- 03		coating treatment to all surfaces in contact be treated with 2 coats of crystalline water	107	Sq.ft.	80	8,568	54	5,783	-33%	100	10,710	259
01- 031	to all concrete s	bitumen 10/20 of approved quality applied urfaces in contact with earth as approved complete in all respect as per drawings s.	185	Sq.ft.	15	2,780	42	7,783	180%	25	4,633	679
031- 031	following depths	all kinds of sub-surface materials upto including disposal of surplus / rejected rials to designated places as per drawing	755	Cft.	12	9,060	13	9,815	8%	10	7,550	-179
	b) More than 5 ft	upto 10 ft.	540	Cft.	15	8,100	20	10,800	33%	15	8,100	09
01- 03 [Blinding concrete to BS-146	a 1250 psi using slag cement conforming	50	Cft.	243	12,150	199	9,950	-18%	185	9,250	-24%
01- 03 [and the second s	coating treatment to all surfaces in contact be treated with 2 coats of Crystaline water	466	Sq.ft,	80	37,280	54	25,164	-33%	100	46,600	259
01- 03 [to BS-146 havin	ent concrete using slag cement conforming g 3000 Psi (28 day Cylinder strength) in es as mentioned in drawings and directed g chamfer etc.	107 335 89	Cft. Cft.	280 335 350	29,960 112,225 31,150	297 472 335	31,779 158,120 29,815	6% 41% -4%	515 515 515	55,105 172,525 45,835	84% 54% 47%
01- 03 [ned steel bars conforming to ASTM A-615 intioned in drawings and directed by the	1.150	Ton	142,289	163,632	114,385	131,543	-20%	125,000	143,750	-129
01- 03	interior surface	tement sand smooth trowelled plaster to s of ceilings at any height with all ding making edges etc.	102	Sq.ft.	51	5,202	53	5,406	4%	40	4,080	-22%
01- 03[interior surfaces openings require	tement sand smooth trowelled plaster to of walls, including making of all types of ed for windows & door etc with jams eight with all scaffoldings etc.	349	Sq.ft.	68	23,732	93	32,457	37%	40	13,960	-41%
01- 03 [surfaces smoo	rement sand plaster to specified exterior th trowelled at any height with all applete in all respect as shown on the actifications.	466	Sq.ft.	63	29,358	85	39,610	35%	45	20,970	-29%
01- 03 D	construction join!	ding 10" wide rubber water stopper in is in R.C.C. work complete in all respects, and directed by the Engineer.	44	Rft.	309	13,596	422	18,568	37%	1,250	55,000	305%
)1- 03 D	heavey duty cov handle, making	water tight (Round Type, 24") Pre-cast er with M.S frame work, including liftring good, complete in all respect as per as directed by the Engineer.	2	No.	5,600	11,200	5,280	10,560	-6%	8,000	16,000	43%
)1- 03 D		of malleable Iron rungs, etc. complete in er drawing and directed by the Engineer.	16	No.	2,390	38,240	3,300	52,800	38%	1,500	24,000	-37%

			STORY OF	A.D.	49	Engineer's	Estimate	M/s AMC	ORP Engg &	Const	M/s WS	KB & Compa	any
Item		Item Description	0	YTE	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 6	following sizes st hanging rod, cano	and commissioning of cei sel body, complete with py, blades, dimmers nuts ects, fittings shall be duly a	capacitor, and bolts										
a. b. c.	56" dia. 48" dia. 36" dia.			15 41 1	Nos. Nos.	4,888 4,221 3,549	73,320 173,061 3,549	5,214 5,148 4,950	78,210 211,068 4,950	7% 22% 39%	4,800 4,200 3,600	72,000 172,200 3,600	-2% 0% 1%
31-04E 7	10 Amp rating, inc recessed in wall antirust paint), of	mmers ion of following type gang uding 16 SWG sheet ster with earth terminal and omplete in all respect rawings and approval by th	el back box 2 coats of 3, as per										
	One gang - 1 Way : Two gang - 1 Way :	Switch	- 0	8 22	Nos.	415 551	3,320 12,122	274 370	2,192 8,140	-34% -33%	450 550	3,600 12,100	8% 0%
iv)	Three gang - 1 Way Four gang - 1 Way	Switch		10 2 7	Nos.	693 830	6,930 1,660	471 572 1,078	4,710 1,144	-32% -31% -32%	650 750 1,200	6,500 1,500 8,400	-6% -10% -25%
	One gang - Fan Din Two gang - Fan Din			25	Nos.	1,591 2,940	11,137 73,500	2,059	7,546 51,475	-30%	1,800	45,000	-39%
31-04E 8	type socket outlet in of top quality recess coats of antirust pa- specifications and	testing & commissioning lotuding 16 SWG sheet stet sed in wall (with earth ten int), complete in all respet d drawings, as per d approval by the Engineer	el back box minal and 2 cts, as per approved										
i) ii)		Switch Socket outlet. Switch Socket outlet.		25 31	Nos.	704 809	17,600 25,079	476 500	11,900 15,500	-32% -38%	550 750	13,750 23,250	-22% -7%
	13A, 3-pin Duplex S 15A, 3-pin simplex S	witch Socket outlet.		10	Nos.	1,244 977	12,440 5,862	870 644	8,700 3,864	-30% -34%	1,200 750	12,000 4,500	-4% -23%
	Floor Box - Type B			16	Nos.	2,000	32,000	5,940	95,040	197%	1,000	16,000	-50%
31-04E 9	size Load Break s accessories comple	testing & commissioning witch with MS back box is te in all respects, as per sporoval by the Engineer.	ncluding all										
i)	30 Amp SPN LBS			1	Nos.	1,024	1,024	8,580	8,580	738%	3,600	3,600	252%
		Sub-	Total (Rs.)	-			1,302,330		1,249,827			965,300	
	PART-5: EARTH	NG SYSTEM											
31-04E 10	claded earth electr	installation of Stainless S odes, 10 feet long and necessary materials, con edification.	20mm dia oplete in all	9	Nos.	11,067	99,603	33,660	302,940	204%	32,000	288,000	189%
	Core Cu/PVC cable directly buried in gr of earth, cad-welce electrode rod at or lugs at other end,	and connecting up of 1 x 1 , in 38mm dia uPVC Clas ound, includes excavation line of copper conducto the end and provision/ fixir including all accessories orawings and to the entire	s-d conduit backfilling to earth of cable as per the satisfaction	10	R.ft	226	2,260	2.830	28,300	1152%	2,000	20.000	785%
b)	Supply, installation 1x16 mm sq. 1-Cor Class-d conduit dire / MCC, as per dra engineer, including brass nuts, bolts,	and connections of copper e Cu/PVC cable, in 38mm ctly buried in ground, from wing or as per the instructions cost of excavation, backfilling washers, all necessary a	r conductor n dia uPVC Pit to ECP tions of the ng of earth,	.0		220	2,200	6,000	20,000	1.02.10	2,000	20,000	10076
	complete in all respe	ALD.		40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%

					Engineer's	s Estimate	M/s AMC	ORP Engg &	Const	M/s WS	KB & Compa	iny
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
	patch panel, inc recessed in slabs as required as pe as per drawing ar		150	R.ft	74	11,100	43	6,450	-42%	450	67,500	5089
i)	plate including R box recessed in respects, as per the entire satisfac		23 3	Nos.	1,145 1,801	26,335 5,403	1,098 2,097	25,254 6,291	-4% 16%	1,000 1,500	23,000 4,500	-139 -179
31-04E 17	box, complete in	on, testing and commissioning of Utility all respects, as per the specifications and to the entire satisfaction of the	1	Nos.	15,750	15,750	6,600	6,600	-58%	6,000	6,000	-629
a)			1	Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
	complete in all	a Patch Cords necting of telephone 2 Pair drop cord respects as per the specifications and he entire satisfaction of the Engineer.	5	Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	13299
i)	complete in all	necting of data CAT 6A patch cord respects as per the specifications and he entire satisfaction of the Engineer.	24 24	Nos.	935 1,391	22,440 33,384	800 1,155	19,200 27,720	-14% -17%	750 1,000	18,000 24,000	-20° -28°
31-04E 20	port rack mount cable organizer	Rack n of 15U Data racks for the fixing of 12 ed 19" CAT-6A UTP Patch Panel with including all installation accessories as complete in all respect to the approval of	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-479
	sets	nection of following type of Telephone	200	1735-A-1						52407(40)	4-9-9-9-22	-2102
	Telephone with C Telephone without		3	Nos.	4,568 3,045	9,136 9,135	2,376 1,980	4,752 5,940	-48% -35%	3,000 5,000	6,000 15,000	-349 649
		Sub- Total (Rs.)				325,061		227,539			454,500	
	following type St. all accessories, a with all respect. Smoke detector v	ion, testing and commissioning of andalone fire detection devices including as per approved manufacturer, complete with buzzer	8	Nos.	7,345	58,760	2,857	22,856	-61%	12,000	96,000	63%
ii)	Heat detector with	h buzzer	4	Nos.	7,838	31,352	2,317	9,268	-70%	13,500	54,000	72%
		Sub- Total (Rs.)				90,112		32,124			150,000	
31-04E 23	Roof Conductor Supply at site an copper conductor of roof as shown conditions, inclui- crossing 3"x3" as	ning protection system d installation of 50sqmm stranded bare fixed on parapet walls or on flat surface on drawing or as required as per site ding cost of copper saddles, copper s shown on drawings, brass screws, all material / accessories, complete in all	1150	R.ft.	299	343,850	775	891,250	159%	1,200	1,380,000	301%

			135 PE	27.00	Engineer's	Estimate	M/s AMC	ORP Engg &	Const	M/s WS	SKB & Compa	any
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	PART -11 MISCI	ELLANEOUS WORKS										
	axial cable wiring to	n, testing and commissioning of RG-6 co- for Cable TV system from U-link Box to plete in all respects, as per the drawings and approval by the Engineer.	45	Rft.	84	3,780	48	2,160	-43%	400	18,000	376%
b)	Supply, installation outlet along with 1 and 2 coats of an	testing and commissioning of cable TV 6 SWG back box having earth terminals trust paint, complete in all respects, as ions and drawings and approval by the	1	Nos.	4,751	4,751	525	525	-89%	6,500	6,500	37%
	chamber with He and these words paint on cover. Co	water tight concrete handhole / cable avy duty RCC cover with lifting hooks "ELECTRICAL CABLES" written with implete in all respect as per drawing and s of Manhole are as under.	7	Nos.	14,138	98,966	12,144	85,008	-14%	5,000	35,000	-65%
	WAPDA / HESCO	dination for the utility connection from as per required electrical load demand. tion charges shall be paid separately as	i	Job	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	2621%
b)	from PTCL as	rdination for the telephone connection per required demand. The telephone is shall be paid separately as per actual receipt.	1	Job	21,000	21,000	19,800	19,800	-6%	300,000	300,000	1329%
		Sub- Total (Rs.)				165,247		239,493			1,359,500	
	PART -12 SOLA	R ROOM ELECTRIFICATION WORKS										
31-04E 36	following light fittin / plastic body. (on, testing and commissioning of igs, ceiling /wall mounted made of fiber Complete with electronic blast, lamp ctor correction capacitor, internal wiring,										
a.	Fluorescent Light color 84 & electron	TCW098 with 1x36Watt TL-D lamp nic ballast (IP65).	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%
b.		TCS398 with 2x36Watt TL-D lamp color & electronic ballast.	2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%
	10 Amp rating, in recessed in wall antirust paint),	ation of following type gang switches of cluding 16 SWG sheet steel back box (with earth terminal and 2 coats of complete in all respect, as per drawings and approval	1	Nos.	830	830	572	572	-31%	750	750	-10%
31-04E 38	type socket outlet of top quality rece coats of antirust p specifications and	n, testing & commissioning of following including 16 SWG sheet steel back box issed in wall (with earth terminal and 2 paint), complete in all respects, as per dr. Switch Socket outlet.	ī	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%
n	113A, 3-pin Duplex						2000					
	Fire Alarm System Supply, installation following type Star											

	And the second	THE WHEN BUILDING WINGS		TOUS	Enginee	r's Estimate	M/s AMC	ORP Engg 8	Const	M/s. W	SKB & Con	pany
Item		tem Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount (Rs)	% Diff
					(Rs.)	(Rs)	(Rs.)	(Rs)		(Rs.)	(rcs)	
	in all respects including											
01-05P1		ed water closet with seat cover, flush ed) connector, thimble, etc.	5	No.	13,150	65,750	15,114	75,570	15%	18,500	92,500	419
01-05P2		set Orissa type with flush tank C.P. nector, uPVC Class "E" flush pipe,	8	No.	11,725	93,800	5,676	45,408	-52%	10,000	80,000	-15%
	double bib cock brass, single bib cock brass,		20 4	No. No.			1,320 924	26,400 3,696	0%	2,600 1,400	52,000 5,600	09
01-05P4	cocks, etc.	cluding C.P P- trap/Bottle Trap, stop		No	12.150	122 850	15,127	166,397	25%	14,000	154,000	159
	 With half or full ped Wash basin hot and co 	estal old water mixer, waste, etc for WB	11 20	No.	12,150	133,650	2,640	52,800	25%	2,800	56,000	157
01-05P6	Toilet Hand Shower	with flexible chain & telephone type op cock etc. complete in all respect.	1580%	theses				,				
	Type - TS		13	No.	3,285	42,705	1,980	25,740	-40%	1,000	13,000	-70%
01-05P7	trap, waste pipe etc co	nk including stop cocks, P-trap, Bottle mplete in all respects. e bowl and single drainer.	2	No.	19,440	38,880	14,454	28,908	-26%	10,500	21,000	-46%
01-05P8	Sink hot and cold wate a. For SK-1	r mixer, etc, for following.	4	No.			3,960	15,840		2,000	8,000	
01-05P9	S.S Grease Trap 7 connections.	.5 Kg. capacity, inlet/outlet 2" Dia	4	No.			3,300	13,200		16,500	66,000	
01-05P10	Toilet accessories com i. Soap dispenser ii. Toilet paper holder iii. Coat Hook iv. Mirror 5mm (Belgiu v. Paper Rack	plete set, (Imported make)	6 13 6 120 6	No. No. No. Sft	440 870 195 1,100 1,890	2,640 11,310 1,170 132,000 11,340	660 858 924 858 1,320	3,960 11,154 5,544 102,960 7,920	50% -1% 374% -22% -30%	1,000 650 600 650 600	6,000 8,450 3,600 78,000 3,600	127% -25% 208% -41% -68%
		Sub- Total (Rs.)				533,245		585,497			647,750	
01-05P11	(PPR) PN20 pressure 8078 for pipes and D welded joints) inside (sockets, tees, elbow plugs and union etc.) roof slab or run in ch	ng and testing Polypropylene Random pipe for water supply as per DIN 8077- IN 16962,PN25 for fittings (polyfusion building including fittings and specials s, bends, crosses, reducers, adaptor, supported on walls or suspended from ases including pipe hangers, supports, od the chases and holes, complete in all m outer dia) m outer dia) mm outer dia) mm outer dia) mm outer dia) mm outer dia)		Rft. Rft. Rft. Rft. Rft.	130 180 330 405 585	6,500 63,000 171,600 54,675 119,925	87 171 257 400 639 858	4,350 59,850 133,640 54,000 130,995	-33% -5% -22% -1% 9%	100 125 150 175 200 250	5,000 43,750 78,000 23,625 41,000	-23% -31% -55% -57% -66%
01-05P12	vii) 21/3" internal dia (90 Providing and installin equivalent make, incli		Rate only	Rft.			1,122		1000	300		Total Control
	i) ¾" internal dia (32 m ii) 1" internal dia (40 m iii) 1¼" internal dia (50 iv) 1½" internal dia (63 v) 2" internal dia (75 m vi) 2½" internal dia (90	n outer dia) mm outer dia) mm outer dia) n outer dia)	2 4 3 2 Rate only	No No No No No	1,630 3,190 4,670 7,075	3,260 12,760 14,010 14,150	3,706 4,330 6,600 11,708 15,906 40,788	7,412 17,320 19,800 23,416	127% 36% 41% 65%	750 1,000 1,200 1,500 2,000 2,500	1,500 4,000 3,600 3,000	-54% -69% -74% -79%
		Sub- Total (Rs.)				459,880		450,783			203,475	

		230000	10000	Enginee	r's Estimate	DATE OF THE PARTY	ORP Engg &	Const	1	SKB & Con	ipany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	Kanchan Arsenic Filter										
01-05P23	Filter Material. Providing & laying gravel, including screening and washing as per drawing or directed by the Engineer. Gravel size 6 mm to 15 mm.	21	Cft	70	1,470	99	2,079	41%	1,500	31,500	2043%
01-05P24	Providing & laying coarse sand, including screening and washing as per drawing or directed by the Engineer.	42	Cft	80	3,360	86	3,612	8%	2,000	84,000	2400%
01-05P25	Providing & laying fine sand, including screening and washing as per drawing or directed by the Engineer.	42	Sq.ft.	90	3,780	79	3,318	-12%	1,500	63,000	1567%
01-05P26	Providing & fixing M.S sheet 1/4" thick, 1/8" Dia hole 2 inch c/c (Diffuser Plate), as per drawing or directed by the Engineer.	37	Sq.ft.	1,600	59,200	1,142	42,254	-29%	1,000	37,000	-38%
01-05P27	Providing & laying Dry rammed brick ballast 1-1/2" to 2" (40mm to 50mm) guage, including screening and washing as per drawing or directed by the Engineer.		Cft.	60	540	106	954	77%	2,000	18,000	3233%
01-05P28	Providing & laying iron nails with out coating (1" thick layer) as per drawing or directed by the Engineer.	125	Kg.	215	26,875	297	37,125	38%	100	12,500	-53%
01-05P29	Providing & fixing cover over Kanchan Filter of PVC sheet 1/2* thick, as per drawing or directed by the Engineer.	32	Sq.ft.	865	27,680	1,135	36,320	31%	450	14,400	-48%
01-05P30	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe including plastic shower heads with all fittings complete in all respects as per drawing or directed by the Engineer.									2.450	470
	i) 3/4" internal dia (32 mm outer dia)	23	Rft.	180	4,140	363	8,349	102%	150	3,450	-17%
01-05P31	Providing and fixing Plastic Shower Heads	9	Nos	705	6,345	1,980	17,820	181%	650	5,850	-8%
	Tube Well / Penumatic Pump Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft (30m) Depth, including sinking and withdrawing of casing pipe, complete in all respect and as directed by the Engineer. i) 8"/d (200mm) Boring for tubewell in all types of soil except shingle and rock,	100	Rft.	355	35,500	1,584	158,400	346%	2,000	200,000	463%
	from a depth of 100.1 to 200ft (30 to 60 m) below ground level including sinking and withdrawing of casing pipe, complete in all respect and as directed by the Engineer.										
	i) 8"l/d (200mm)	50	Rft.	435	21,750	1,716	85,800	294%	2,000	100,000	360%
01-05P34	Providing and installing P.V.C. bail/End plug B.S.S. class 'D', in tubewell bore hole, complete in all respect and as directed by the Engineer. i)2" i/d (100mm)	1	Each.	200	200	660	660	230%	3,500	3,500	1650%
01-05P35	Providing and installing P.V.C. blind pipe B.S.S Class 'D' in tubewell bore hole, including sockets and solvents and jointing with strainer, etc., complete in all respect and as directed by the Engineer. i) 1" Vd(25mm)		Rft.			86			75		
	ii) 1-1/4" i/d(30mm) iii) 2" i/d(50mm)	150 40	Rft. Rft.	160 200	24,000 8,000	185 264	27,750 10,560	16% 32%	100 150	15,000 6,000	-38% -25%
01-05P36	Providing and installing P.V.C. strainer B.S.S Class 'D' in tubewell bore hole, including sockets and solvents; etc. complete in all respect and as directed by the Engineer. i)2" Vd(50mm)		Rft.	200	8,000	396	15,840	98%	150	6,000	-25%
01-05P36	Providing and installing P.V.C. blind pipe B.S.S Class 'D' in tubewell bore hole, including sockets and solvents and jointing with strainer, complete in all respect and as directed by the Engineer.			O D D D D D		11.25					(1240)
	i) 4" l/d (100mm)	60	Rft.	460	27,600	594	35,640	29%	500	30,000	9%
01-05P37	Testing and developing of bore hole, complete in all respect and as directed by the Engineer.	3	Per Hr	2,445	7,335	7,260	21,780	197%	3,600	10,800	47%
01-05P38	Shrouding with graded pea gravel 3/8" to 1/8" around tubewell in bore hole, complete in all respect and as directed by the Engineer.		Cft.	190	8,550	660	29,700	247%	650	29,250	242%

SINDH BASIC EDUCATION PROGRAM

CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS

Package No: SBEP-P12-QSK-III

Construction of Six (06) School in District Qambar-Shahdadkot

P12-QSK88 GBPS AITBAR KHAN CHANDIO TALUKA SHAHDADKOT COMPARATIVE STATEMENT OF BIDS SUMMARY OF TENDERED COST

CODE	Description	Engineer's Estimate	M/s. AMCORP Engineering & Construction (Pvt) Ltd.	%age Diff	M/s. WSKB & Company	%age Diff
Α	GENERAL ITEMS	4,381,350	7,225,811	64.92%	4,946,245	13%
В	CIVIL WORKS	56,213,793	56,377,189	0%	67,242,339	20%
С	EXTERNAL WORKS	5,115,829	6,648,696	30%	6,677,836	31%
D	ELECTRICAL WORKS	5,749,109	6,772,976	18%	11,342,650	97%
Е	PLUMBING WORKS	2,568,075	3,738,578	46%	2,756,275	7%
10	Total Cost of School (PKR)	74,028,156	80,763,250	9.10%	92,965,345	26%

BILL OF QUANTITIES

		DII	LUF	QUANTI							
(Bugge				Engineer	's Estimate	M/s. AMCC	ORP Engg &	Const	M/s. WS	KB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 01 G 15	SIGN BOARD / PLAQUE Ref.Spec. No. SP 100 Providing and installation of Project sign board as per drawing complete including all civil related works, foundations, earthwork concrete, protection works complete as directed by the Engineer.		Job	45,500	45,500	99,000	99,000	118%	25,000	25,000	-45%
01- 01 G 16	Providing, construction and installation of Inauguration Plaque as per drawing complete including all civil related works, foundations, earthwork concrete, protection works etc complete as directed by the Engineer.		Job	25,000	25,000	39,600	39,600	58%	25,000	25,000	0%
02- 01 G 17	Providing and maintenance of the Engineer's facilities at individual school site as per clause SP 44. All items/materials/equipment shall become contractor's property at the completion of works.		Month	60,000	1,200,000	125,400	2,508,000	109%	10,000	200,000	-83%
01- 01 G 18	WATER TESTING Ref. Spec. No. Sampling and testing of Water from bore of well (TDS) including submission of report as per specification.	1	Each	5,000	5,000	39,600	39,600	692%	3,000	3,000	-40%
	Sub- Total (Rs.)				3,581,350		6,425,811			4,146,245	
	PROVISIONAL SUMS Repair & renovation of existing Governmet building proposed for temporary school during the construction. (The payable amount shall be assessed as per actual rehabilitation work on selected building and as per recommendation by the Engineer on BOQ rates of similar items quoted in the bid). New Utility connection or shifting & relocation of existing Electric HT lines passing through the school plan incuding all approvals from concerned department/agency and providing, installing/fixing of poles, PMT etc along with all associated civil work like concrete foundation, mounting base, arial conductors, grounding etc. complete in all		PS		500,000		500,000			500,000	
	respects & as directed by the Engineer		PS		300,000		300,000			300,000	
	Sub- Total (Rs.)				800,000		800,000	-		800,000	
	Total Cost for General Items Pak Rs.				4,381,350		7,225,811			4,946,245]

THE STATE OF		misters	D	Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const	M/s. W	SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	D C C UNDER EL CORINC				(res)	[153.]	(res)		(res)	(res)	
01- 02 C 11	P.C.C UNDER FLOORING Ref.Spec. No. C07 PCC 4* thick plain cement concrete (using slag cement conforming to BS-146) sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.		Sq.ft.	83	564,400	77	523,600	-7%	53	360,400	-36%
01- 02 C 12	PLINTH PROTECTION Ref.Spec. No. C04 & C07 Blinding concrete 1250 psi using slag cement	415	Cft.	243	100,845	199	82,585	-18%	160	66,400	-34%
	conforming to BS-146 PROTECTION WORKS	415	Cit.	243	100,043	199	02,303	10%	100	50,400	-54%
01- 02 C 13	Ref.Spec. No. C16 Vapor barrier sheet, under the floor as per drawings and specifications.	6,800	Sq.ft.	16	108,800	7	47,600	-56%	10	68,000	-38%
01- 02 C 14	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.		Sq.ft.	19	252,700	42	558,600	121%	25	332,500	32%
	SUPER-STRUCTURE WORKS Ground Floor (From Plinth level to 1st Slab) REINFORCEMENT Ref.Spec. No. C04										
	Hot rolled deformed steel bars conforming to ASTM A- 615 grade 60 having tensile strength equal to or more than 60,000 psi.	33	ton.	142,289	4,695,537	114,385	3,774,705	-20%	125,000	4,125,000	-12%
01- 02 C 16	Hot rolled deformed steel bars conforming to ASTM A- 108 grade 40 having tensile strength equal to or more than 40,000 psi.		ton.						125,000		
	PLAIN AND REINFORCED CONCRETE AND FORMW	ORKS									
	Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification; a) Columns b) Beams & lintels c) Stab & projections d) Stair cases e) Precast window sill as per design and erecting/ fixing	1,080 1,850 3,790 373	Cft. Cft. Cft.	405 411 385 445	437,400 760,350 1,459,150 165,985	474 460 369 524	511,920 851,000 1,398,510 195,452	17% 12% -4% 18%	500 500 500 500	540,000 925,000 1,895,000 186,500	23% 22% 30% 12%
	including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	150 84	Cft.	392 533	58,800 44,772	726 837	108,900 70,308	85% 57%	500 500	75,000 42,000	28%
	First Floor (From 1st Slab to 2nd slab) REINFORCEMENT Ref.Spec. No. C04	5556.5									
	Hot rolled deformed steel bars conforming to ASTM A- 615 grade 60 having tensile strength equal to or more than 60,000 psi.	29	ton.	142,289	4,126,381	115,045	3,336,305	-19%	126,000	3,654,000	-11%
01- 02 C 19	Hot rolled deformed steel bars conforming to ASTM A- 108 grade 40 having tensile strength equal to or more than 40,000 psi.		ton.			110,966			126,000		
01- 02 C 20	PLAIN AND REINFORCED CONCRETE AND FORMW Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification;										
	a) Columns b) Beams & lintels c) Slab & projections d) Stair cases e) Precast window sill as per design and erecting/ fixing	1,130 1,900 3,790 176	Cft. Cft. Cft. Cft.	408 414 388 448	461,040 786,600 1,470,520 78,848	488 474 380 540	551,440 900,600 1,440,200 95,040	20% 14% -2% 21%	500 500 500 500	565,000 950,000 1,895,000 88,000	23% 21% 29% 12%
	including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	130 30	Cft.	395 536	51,350 15,919	748 862	97,240 25,601	89% 61%	500 500	65,000 14,850	27% -7%

				Engineer	's Estimate	M/s. AMC	ORP Engg 8	Const	M/s. W	SKB & Com	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 30	ALUMINIUM WORKS Ref. Spec. No. C11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2*x4* section, approved manufacturer having minimum wall thickness not less than 1.6 mm with netted shutter and				(RS)	(83.)	[res]		(ns./	(RS)	
	6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specifications.	1,350	Sq.ft.	1,200	1,620,000	1,365	1,842,750	14%	2,425	3,273,750	102%
01- 02 C 31	Supply and fix in position as specified anodized aluminum doors with fixed panel both side and top of approved 2"x4" section, manufacturer having minimum wall thickness not less than 1.6 mm with 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per	(*)									
	drawings and specifications. STRUCTURAL STEEL Ref. Sec. No. C13	105	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
01- 02 C 32	Mild steel grills as per approved design including fabrication, transport, handling, installation & synthetic enamel paint over red oxide primer complete in all respect as shown on the drawings and specification.										700
		1,770	Kg	160	283,200	198	350,460	24%	285	504,450	78%
01- 02 C 33	Providing and fixing railing for stairs/ramps as per drawing and specifications complete in all respect. a) MS railing stairs b) M.S railing at entrance	51 50	Rft Rft	300 320	15,300 16,000	759 627	38,709 31,350	153% 96%	4,800 4,800	244,800 240,000	1500% 1400%
01- 02 C 34	Providing and fixing MS pipe railing for courtyard with paintings, as per drawing and specifications complete in all respect and approved by the Engineer.	110	Rft	1,300	143,000	759	83,490	-42%	4,000	440,000	208%
01- 02 C 35	Providing and fixing MS folding gate (Emergency Exit) with paintings, complete in all respects as per drawing and specifications.	1	No	46,000	46,000	42,755	42,755	-7%	50,000	50,000	9%
01- 02 C 35	Providing and fixing MS folding Main entrance gate with paintings, complete in all respects as per drawing and specifications.	2	No	60,000	120,000	67,186	134,372	12%	100,000	200,000	67%
01- 02 C 36	FLOOR AND WALL FINISHES Ref.Spec. No. C07 Providing and laying terrazzo tile for floor with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	6,120	Sq.ft.	170	1,040,400	197	1,205,640	16%	150	918,000	-12%
01- 02 C 37	Providing and laying terrazzo tile for entrance ramp (3/4" thick) with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	75	Sq.ft.	170	12,750	197	14,775	16%	175	13,125	3%
01- 02 C 38	Providing and laying terrazzo tile skirting 4* high using tile of approved size, quality, colour and shade laid including rough plaster base complete in all respect as per drawing, specification and as directed by the Engineer.	315	Sq.ft.	227	71,505	339	106,785	49%	160	50,400	-30%
01- 02 C 39	Porcelain tile floor (type) using tile of size 8"x8" (full body), approved quality, colour and shade laid in approved pattern set in specified mortar including cement concrete base, complete in all respect as shown	59.70		220,450	1000 V V V V V V V V V V V V V V V V V V	3.555(8)		1129/11		unotice d	
01- 02 C 40	on the drawings and specifications. Porcelain tile in Dado using tile of size 8"x8", quality, colour and shade laid in approved pattern including	730	Sq.ft.	367	267,910	280	204,400	-24%	150	109,500	-59%
	rough plaster base complete in all respect as shown on drawings and specifications.	3,340	Sq.ft.	383	1,279,220	260	868,400	-32%	160	534,400	-58%

Same III				Engineer'	s Estimate	Desired to the second	ORP Engg &	Const	-	SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 51	FALSE CEILING Ref.Spec. No. 1/2" thick gypsum board ceiling including all G.I fitting, accessories, wire and suspension system complete in all respect as shown on the drawings and specifications.	730	Sq.ft.	96	70,080	231	168,630	141%	115	83,950	20%
01- 02 C 52	Pre cast C.C Patren jali Ref.Spec. No. C.C Patren jali as per approved designed and specification		Sq.ft.	127	76,200	101	60,600	-20%	335	201,000	164%
01- 02 C 53	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.		Sq.ft.	229	1,145,000	313	1,565,000	37%	400	2,000,000	75%
01- 02 C 54	FINISHING WORKS For First floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any leve including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specifications.										
	a) 4-1/2" thick b) 9" thick c)13-1/2" thick	890 3,890 35	Cft. Cft. Cft.	317 307 305	282,130 1,194,230 10,675	319 310 258	283,910 1,205,900 9,030	1% 1% -15%	415 410 400	369,350 1,594,900 14,000	31% 34% 31%
01- 02 C 55	DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided inner & outer side and polish/ paint matching with door, complete hardware fitting material (Hold fast & mortar etc) sizes and patam detail as per schedule with lacquer polish complete in al respect as shown on the drawings and specifications.		R.ft.	225	88,875	460	181,700	104%	130	51,350	-42%
01- 02 C 56	CEMENT PLASTER Ref.Spec. No. C 06 3/4" thick, 1.4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers including complete in al respect as shown on the drawings.		Sq.ft.	63	11,025	88	15,400	40%	55	9,625	-13%
01- 02 C 57	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.		Sq.ft.	51	494,904	55	533,720	8%	45	436,680	-12%
01- 02 C 57	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door with jams plaster, at any height with all scaffoldings etc.		Sq.ft.	68	884,000	95	1,235,000	40%	50	650,000	-26%
01- 02 C 58	ALUMINIUM WORKS Ref.Spec. No. C 11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2"x4" section, approved manufacturer having minimum wall thickness not less than 1.6 mm with netted shutter and 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specifications.		Sq.ft.	1,200	1,680,000	1,406	1,968,400	17%	2,425	3,395,000	102%

LIN-15	BANK BANK	96.8	12425	10	Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const	M/s. W	SKB & Comp	oany
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
						(Rs)	(Rs.)	(KS)	OCCUPANT OF THE PARTY OF THE PA	(RS.)	(RS)	DANIE AL
01- 02 C 72	emultion paint fi approved quality and primer coat	iplying three or more coats of matthish to internal walls with paint of and shade including rubbing, filling, etc. at any height and level with omplete in all respect as directed by	13,000	Sq.ft.	37	481,000	41	533,000	11%	45	585,000	229
1- 02 C 73	sizes teak ply fin thick solid core color/ lacker, be (Locks, door clos etc) as per sch		560	Sq.ft.	966	540,960	1,478	827,680	53%	1,000	560,000	4
1- 02 C 74	door panel with s lacker at both side	laminated glass panel part at above olid wood batten including teak polish/ es arround the glass of approved type, all respect as shown on the drawings	124	Sq.ft.	570	70,680	612	75,888	7%	1,200	148,800	111
- 02 C 75	accessories, wire	im board ceiling including all G.I fitting, and suspension system complete in wn on the drawings and specifications.										
			500	Sq.ft.	96	48,000	238	119,000	148%	115	57,500	20
- 02 C 76	Ref.Spec. No.	ren jali and Railing as per approved designed and	680	Sq.ft.	127	86,360	104	70,720	-18%	335	227,800	164
I- 02 C 77	arrangements / a etc at any height cement sand mor pattern shown on uniform colour col	5 aying Brick facing including cavity occessories, anchorages, angle irons and level using selected bricks set in tar 1:4 in walls as per size, design / the drawings of approved shapes and mplete in all respect, as per drawings, as directed by the Engineer.	3,900	Sq.ft.	232	904,800	322	1,255,800	39%	400	1.560,000	72
- 02 C 78	Ref.Spec. No.C 16 Water proofing a	and built up roofing over roof slab layers and coatings etc as shown in	7,500	Sq.ft.	349	2,617,500	255	1,912,500	-27%	157	1,177,500	-55
	in 1:4 cement san including all and required to be be	Secound floor Y										
	a) 4-1/2" thick b) 9" thick c)13-1/2" thick		30 453 20	Cft. Cft. Cft.	328 325 311	9,840 147,225 6,220	325 316 263	9,750 143,148 5,260	-1% -3% -15%	425 420 410	12,750 190,260 8,200	30 29 32
1- 02 C 80	polish/ paint mate fitting material (Ho detail as per sche											
	respect as snown	on the drawings and specifications.	35	R.ft.	225	7,875	469	16,415	108%	135	4,725	-40

SECTION 2 CIVIL WORKS

SINDH BASIC EDUCATION PROGRAM GBPS AITBAR KHAN CHANDO TALUKA SHAHDADKOT

	(6.490)	(大)	1236	Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const	M/s. W	SKB & Comp	oany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc.complete in all respect as directed by the Engineer.	2,504	Sq.ft.	30	75,120	41	102,664	37%	40	100,160	33%
01- 02 C 95	WOODEN DOORS Ref.Spec. No. C 09, C12 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2* thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per schedule and finish with lacker polish										
s	complete in all respect as shown on the drawings and specifications.	49	Sq.ft.	966	47,334	1,523	74,627	58%	1,000	49,000	4%
01- 02 C 96	Pre cast C.C Patren jall and Railling Ref.Spec. No. C.C Patren jall as per approved designed and specification	100	Sq.ft.	127	12,700	107	10,700	-16%	335	33,500	164%
01- 02 C 97	Precast water spout as per approved designed and specification	15	No.	425	6,375	2,376	35,640	459%	600	9,000	41%
01- 02 C 98	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	2,900	Sq.ft.	239	693,100	328	951,200	37%	400	1,160,000	67%
	Total Cost for CIVIL WORKS Pak Rs.		-		56,213,793		56,377,189			67,242,339	

Item	1000	14600		Engineer's	s Estimate	M/s AMC	ORP Engg &	Const	M/s. W	SKB & Comp	pany
	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Diff
				(Rs.)	(Rs)	(Rs.)	(Rs)	76 DIII	(Rs.)	(Rs)	76 5111
01- 03 D10	Solid brick masonry wall with pointing on both faces above plinth beam set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties, and other fixtures required to be built in brick masonry, complete in all respect as per Drawings and specifications. a) 4-1/2" thick		Cft.	305	142,435	309	144,303	1%	415	193,805	36%
01- 03 D11	CEMENT PLASTER Ref.Spec. No. C06 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces (Columns, wall, beams and project etc.) including making grooves as per design and elevation complete in all respect as shown on the drawings.		Sq.ft.	63	56,889	85	76,755	35%	55	49,665	-13%
01- 03 D12	PROTECTION WORKS Ref.Spec. No. C16 Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.		Sq.ft.	19	28,462	42	62,916	121%	25	37,450	32%
01- 03 D13	COPING Ref.Spec. No. C04 Providing and fixing 3" thick coping including plaster using OP cement for boundary wall complete as shown on the drawings.	185	Rft.	60	11,100	116	21,460	93%	130	24,050	117%
01- 03 D14	STRUCTURAL STEEL Ref. Sec.No. C13 Mild steel main gate with approved wood planks per as per drawing/ design including fabrication, handling, installation & synthetic enamel paint over red oxide primer and polish on wood works with all iron mongrey / accessories complete in all respect as shown in the drawings. (Size: 14'x7')		no	165,000	165,000	116,424	116,424	-29%	100,000	100,000	-39%
01- 03 D15	Mild steel wicket gate with approved wood planks per as per drawing/ design including fabrication, handling, installation & synthetic enamel paint over red oxide primer and polish on wood works with all iron mongrey / accessories complete in all respect as shown in the drawings. (Size: 3'x7')		no	35,000	35,000	24,948	24,948	-29%	50,000	50,000	43%
01- 03 D 16	LANDSCAPING Ref. Sec.No. Fill and backfill with selected materials including watering and compaction to every layer as per specification.		Cft.	8	5,920	40	29,600	400%	10	7,400	25%
01- 03 D17	Area Fill with selected materials including watering and compaction to every layer as per specification.	14,766	Cft.	14	206,724	40	590,640	186%	25	369,150	79%
01- 03 D18	Relocation and replanting of removed trees as per specifications and and as directed by the Engineer.	Rate only	No.	4,000	177	165,000			2,500		-38%
01- 03 D19	Development of lawn (grass) including fertilizer mixed with earth including spreading and watering etc. and cutting etc. till guarantee period (12 months) complete in all respect as shown on the drawings and as per specifications.		Sq.ft.	28	124,964	165	736,395	489%	60	267,780	114%
01- 03 D20	12" thick approved selected sweet earth including spreading, levelling, dressing and watering etc. complete in all respect as per specifications and as directed by the Engineer.		Cft.	20	89,260	53	236,539	165%	35	156,205	75%
01- 03 D21	Trees/plants of the following types and size/height including excavation, backfilling, manure/ fertilizer, supports and water etc. complete in all respect as shown on the drawings, specifications and as directed by the Engineer. a) Neem (3 to 4 feet) b) Babul (3 to 4 feet) c) Golmohar (3 to 4 feet) d) Champa (2 to 3 feet) e) Crape Jasmine (2 to 3 feet) f) Cement Concrete planters.		No. No. No. No. No. Rft	200 200 300 250 150 400	1,600 1,400 4,200 3,000 1,950 40,000	528 264 264 528 528 691	4,224 1,848 3,696 6,336 6,864 69,100	164% 32% -12% 111% 252% 73%	1,000 1,000 1,000 1,000 1,000 500	8,000 7,000 14,000 12,000 13,000 50,000	400% 400% 233% 300% 567% 25%

It	em	April 1	Tent		EUR PRESENTANT	ENT OF BII s Estimate		ORP Engg &	Const	M/s. W	SKB & Com	oanv
		Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Diff
				1111	(Rs.)	(Rs)	(Rs.)	(Rs)	76 DITT	(Rs.)	(Rs)	76 UII
01- 0	03 D33	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	0	Sq.ft.	45	*	93			40		-119
01- 0	03 D34	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings complete in all respect as shown on the drawings and specifications.	0	Sq.ft.	42	Wer	85			50	9	199
01- 0	3 D35	Providing embeding 10" wide PVC water stopper in construction joints in R.C.C. work complete in all respects, as per drawing and directed by the Engineer.	46	Rft.	309	14,183	422	19,370	37%	1,250	57,375	305%
01- 0	3 D36	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.	2	No.	28,820	57,640	5,940	11,880	-79%	7,500	15,000	-74%
01- 0	3 D37	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	14	No.	2,390	33,460	3,300	46,200	38%	1,500	21,000	-37%
01- 0	3 D38	Soakage Pit Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	712	Cft.	12	8,544	13	9,256	8%	10	7,120	-17%
		b) More than 5 ft upto 10 ft. c) More than 10 ft upto 17 ft.	712 784	Cft.	15 15	10,680 11,760	20 26	14,240 20,384	33% 73%	15 25	10,680 19,600	0% 67%
		Blinding concrete 1250 psi using slag cement conforming to BS-146.	20	Cft.	243	4,860	199	3,980	-18%	185	3,700	-24%
01- 0	3 D40	Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar. a) 18" thick b) 13-1/2" thick b) 9" thick	512 144 72	Cft Cft Cft	250 250 250	128,000 36,000 18,000	211 250 301	108,032 36,000 21,672	-16% 0% 20%	390 400 410	199,680 57,600 29,520	56% 60% 64%
)1- 0:	3 D41	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		Pre-cast / Cast in Situ R.C.C Slab	72	Cft	325	23,400	594	42,768	83%	515	37,080	58%
)1- 0:		Hot rolled deformed steel bars conforming to ASTM A 615 grade 60.as mentioned in drawings and directed by the Engineer.	0.25	Ton	142,289	35,572	114,385	28,596	-20%	125,000	31,250	-12%
01- 00		Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.	ā	No	28,820	28,820	5,940	5,940	-79%	8,000	8,000	-72%
1- 00		Supply and fitting of malleable fron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	14	No	2,390	33,460	3,300	46,200	38%	1,500	21,000	-37%
01- 03	3 D45	Ground Storage Tank / Pump Room Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer.										
		a) 0 to 5 ft b) More than 5 ft upto 10 ft.	508 8	Cft. Cft.	12 15	6,090 126	13 20	6,598 168	8% 33%	10 15	5,075 126	-17% 0%
1- 03		Blinding concrete 1250 psi using slag cement conforming to BS-146	34	Cft.	243	8,165	199	6,686	-18%	185	6,216	-24%

Item				The state of the s	s Estimate		ORP Engg &	Const		SKB & Com	pany
	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D59	emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with			(res.)	(ns)	(r.s.)	(res)		(KS.)	(KS)	
	scaffolding etc. including complete in all respect as shown on the drawings.	40	Sq.ft.	37	1,480	41	1,640	11%	45	1,800	229
01- 03 D60	MS Door including paint etc complete in all respect as shown in the drawings.	15	Sq.ft.	630	9,450	528	7,920	-16%	2.000	30,000	2179
01- 03 D61	Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 2 coats of crystalline water proofing coating on vertical surfaces.	404	Sq.ft.	80	32,312	54	21,811	-33%	100	40,390	259
01- 03 D61	Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 1 coat of crystalline water proofing coating on horizontal surfaces.	58	Sq.ft.	60	3,486	37	2,150	-38%	100	5,810	679
01- 03 D62	Tube Well / Penumatic Pump Construction works Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	85	Cft.	12	1,020	13	1,105	8%	10	850	-17%
01- 02 C 63	Fill and backfill with selected materials including watering and compaction to every layer as per specification. a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material / source)	20	Cft.	8	160	13	260	63%	175	3,500	2088%
	to be approved by the Engineer) upto free haulage limit.	40	Cft.	22	880	40	1,600	82%	250	10,000	1036%
01- 03 D64	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	243	12,150	199	9,950	-18%	185	9,250	-24%
01- 03 D65	Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification;										
1. 03 Dee	Pre-cast R.C.C Slab Hot rolled deformed steel bars conforming to ASTM A-	15	Cft.	350	5,250	594	8,910	70%	515	7,725	47%
11- 03 000	615 grade 60.as mentioned in drawings and directed by the Engineer.	0.05	Ton	142,289	7,114	114,385	5,719	-20%	125,000	6,250	-12%
1- 03 D67	Solid brick masonry wall with brick coping of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specification.										
	a) 18" thick b) 13-1/2" thick a) 9" thick	40 30 175	Sft Sft Sft	250 250 250	10,000 7,500 43,750	211 250 301	8,440 7,500 52,675	-16% 0% 20%	390 400 410	15,600 12,000 71,750	56% 60% 64%
1- 03 D68	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and	10-640		335.00				200		And (A) (A)	
1- 03 D69	specifications. 1/2" thick, 1:4 cement sand smooth trowelled plaster	285	Sq.ft.	63	17,955	85	24,225	35%	45	12,825	-29%
	to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	25	Sq.ft.	68	1,700	53	1,325	-22%	35	875	-49%
Million Control (1981)	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings	Dates.		1000	DSQC-1881			.55550	ese.	- yanyan	posen
	etc.	150	Sq.ft.	68	10,200	93	13,950	37%	40	6,000	-419

	Item	DATA CONTROL OF THE STATE OF TH	15/4-5	T	Engineer'	s Estimate	M/s AMC	ORP Engg &	Const	M/s. W	SKB & Com	pany
		Item Description	QTY	Unit	Rate	Amount (Rs)	Rate	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
11	03 D84	Hot colled defermed steel have conforming to ASTM A			(Rs.)	(RS)	(Rs.)	(RS)		(RCS.)	(RS)	
01-	03 D64	Hot rolled deformed steel bars conforming to ASTM A 615 grade 60.as mentioned in drawings and directed by the Engineer.	0.5	Ton	142,289	67,730	114,385	54,447	-20%	125,000	59,500	-129
)1-	03 D85	6" thick hardcore compacted with mechanical compactor filling voids with same material of suitable size for floor foundation complete in all respect as per specifications and drawings.	71	Sq.ft.	42	2,999	67	4,784	60%	115	8,211	1749
)1-	03 D86	PCC 4" thick plain cement concrete sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.		Sq.ft.	74	5,284	77	5,498	4%	185	13,209	150%
)1-	03 D87	2" thick, 3000 cement concrete floor & screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	71	Sq.ft.	44	3,142	54	3,856	23%	85	6,069	93%
)1-	03 D68	3/4" thick, 1.4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.		Sq.ft.	63	8,140	85	10,982	35%	45	5,814	-29%
)1-	03 D89	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	107	Sq.ft.	68	7,283	93	9,960	37%	40	4,284	-41%
1-	03 D90	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of crystalline water proofing coating.	107	Sq.ft.	80	8,568	54	5,783	-33%	100	10,710	25%
)1-	03 D91	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	185	Sq.ft.	15	2,780	42	7,783	180%	25	4,633	67%
		EXTERNAL DEVELOPMENT										
)1-	03 D92	Holding Tank Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer.										
		a) 0 to 5 ft b) More than 5 ft upto 10 ft.	755 540	Cft.	12 15	9,060 8,100	13 20	9,815 10,800	8% 33%	10 15	7,550 8,100	-17% 0%
1-	03 D93	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	243	12,150	199	9,950	-18%	185	9,250	-24%
1-	03 D94	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystaline water proofing coating.	466	Sq.ft.	80	37,280	54	25,164	-33%	100	46,600	25%
1-	03 D95	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		a) Base Slab. b) Walls including chamfer etc. c) Top Slab	107 335 89	Cft. Cft. Cft.	280 335 350	29,960 112,225 31,150	297 472 335	31,779 158,120 29,815	6% 41% -4%	515 515 515	55,105 172,525 45,835	84% 54% 47%
1-	03 D96	Hot rolled deformed steel bars conforming to ASTM A 615 grade 60.as mentioned in drawings and directed by the Engineer.	1.150	Ton	142,289	163,632	114,385	131,543	-20%	125,000	143,750	-12%
1-	03 D97	1/2" thick, 1.4 cement sand smooth trowelled plaster to interior surfaces of cellings at any height with all scaffoldings including making edges etc.	102	Sq.ft.	68	6,936	53	5,406	-22%	40	4,080	-41%

1000	DESCRIPTION OF THE PARTY OF THE	2 35,1	-	Enginee	r's Estimate	M/s. AMC	ORP Engg &	Const	M/s V	VSKB & Compa	iny
Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate (Rs.)		% Diff
			3.0	(Rs.)	(Rs)	(Rs.)	(Rs)	% DITT	Rate (RS.)	Amount (Rs)	% Diff
26-04E 1	PART -1 Distribution Board Distribution Board Fabrication, Supply, installation, Testing ar commissioning at site of following Distribution board, mad of MS Sheet 16 SWG with hinged door, handle, catche earthing bar, neutral strip, internal wiring from MCE terminating on cable terminal blocks, 2 coats of antiru and powder coated paint of approved colour, including co of all necessary materials complete in all respects, DE shall be manufactured as per specification, single lir diagram complete in all respect up to the satisfaction is Engineer. MDBLP-GF	e r, is st st st	No.	231,000	231,000	165,660	165,660	-28%	98,000	98,000	-58
ii)	DBLP-GF1	1	No.	239,400	239,400	187,440	187,440	-22%	64,000	64,000	-73
	DBLP-GF2	1	No.	79,275	79,275	71,280	71,280 106,260	-10% -18%	56,000	56,000 40,000	-29 -69
	DBLP-FF1 DBLP-FF2	1	No.	130,200 182,700	130,200 182,700	106,260 176,220	176,220	-4%	40,000 62,000	62,000	-66
	MCC-WP	1	No.	240,345	240,345	179,520	179,520	-25%	48,000	48,000	-80
vii)	DB-EXT (IP 54)	1	No.	155,400	155,400	118,272	118,272	-24%	42,000	42,000	-73
	Sub- Total (Rs	.)			1,258,320		1,004,652			410,000	
	PART-2: CABLES AND CONDUITS										
26-04E 2	L.V. Power Cables Supply at site, installation, testing and commissioning of PVC insulated non armoured copper conductor cable 600 1000 Volt grade manufactured by any one of the manufacturers as mentioned in approved manufacturer is in prelaid conduits / frenches to be installed as per route shown on drawings including cost of all necessain materials, connections, identification tags, cables lug properly crimped at both ends for the following size complete in all respects. Actual length of cables to b installed shall be practically measured at site by the Contractor, duly authenticated by the employers electric engineer before placing the order with the manufacturer.	/ e st s y s s e e									
a)	4 Core Cu/PVC/PVC CABLE	1200127	0.2500	560000	10500500	727.52	100000000000000000000000000000000000000			700000000	
L.	4 core 10mm.sq.	500 150	R.ft R.ft	383 525	191,500 78,750	247 355	123,500 53,250	-36% -32%	1,800 2,400	900,000 360,000	370
m.	4 core 16mm.sq. 4 core 50mm.sq.	100	R.ft	1,171	117,100	822	82,200	-30%	5,600	560,000	378
i. N	Circuit Protective Conductor (CPC) 1 core 10mm sq. PVC insulated colour Green/Yellow. 1 core 16mm sq. PVC insulated colour Green/Yellow. 1 core 25mm sq. PVC insulated colour Green/Yellow.	500 150 100	R.ft R.ft R.ft	84 110 158	42,000 16,500 15,800	67 102 145	33,500 15,300 14,500	-20% -7% -8%	525 750 1,325	262,500 112,500 132,500	525 582 739
26-04E 3	P.V.C. Conduit and Accessories Supply at site of PVC conduit to be installed on slab walls, floor, columns or as required as per site condition including cost of all PVC conduit accessories, steel pu wires, complete in all respects.	s									
	32mm (1.25") dia. PVC conduit to pull electric cable.	315	R.ft	100	31,500	44	13,860	-56%	100 125	31,500	-19
	38mm (1.5") dia. PVC conduit to pull electric cable. 50mm (2") dia. PVC conduit to pull electric cable.	150 85	R.ft R.ft	126 184	18,900 15,640	63 85	9,450 7,225	-50% -54%	150	18,750 12,750	-189
	75mm (3") dia. PVC conduit to pull electric cable.	200	R.ft	383	76,600	114	22,800	-70%	200	40,000	-48
	Sub- Total (Rs)			604,290		375,585			2,430,500	
	PART-3 Wiring & Conduting										
a)	Circuit Wiring & Conduiting Circuit Wiring and conduiting from DB to switch/ Fa dimmer with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 2 mm. dia PVC conduit, complete with cables, conduits a all necessary accessories such as connectors, ceiling rose flexible wires/conduits, sheet steel boxes etc. (wherever equired) as per the specifications and drawings an approval by the Engineer.	e d d	Nos.	4,615	110,760	4,770	114,480	3%	4,200	100,800	-91
(6)	Same as item (a) but wiring from quitch to quitch	50	Nos	1 118	55,900	2,004	100,200	79%	3,600	180,000	2229
(D)	Same as item (a) but wiring from switch to switch.	50	Nos.	1,118	55,900	2,004	100,200	1370	3,000	180,000	666

Item Description Switches & Fan Dimmers Supply and installation of following type gang switches of 0 Amp rating, including 16 SWG sheet steel back box ecessed in wall (with earth terminal and 2 coats of antirust laint), complete in all respect, as per specifications and trawings and approval by the Engineer. One gang - 1 Way Switch here gang - 1 Way Switch four gang - 1 Way Switch four gang - 1 Way Switch four gang - Fan Dimmer for ga	8 22 10 2 7 25	Nos. Nos. Nos. Nos. Nos.	415 551 693 830 1,591 2,940	3,320 12,122 6,930 1,660 11,137 73,500	274 370 471 572 1,078 2,059	2,192 8,140 4,710 1,144 7,546	-34% -33% -32% -31%	450 550 650 750	3,600 12,100 6,500 1,500	% Diff
Supply and installation of following type gang switches of 0 Amp rating, including 16 SWG sheet steel back box ecessed in wall (with earth terminal and 2 coats of antirust laint), complete in all respect, as per specifications and trawings and approval by the Engineer. One gang - 1 Way Switch word of the specification of	8 22 10 2 7 25	Nos. Nos. Nos. Nos.	415 551 693 830 1,591	3,320 12,122 6,930 1,660 11,137	274 370 471 572 1,078	2,192 8,140 4,710 1,144	-33% -32% -31%	550 650	12,100 6,500	09 -69
wo gang - 1 Way Switch hree gang - 1 Way Switch four gang - 1 Way Switch four gang - Fan Dimmer four gang - 1 Way Switch four gang - Fan Dimmer four gang - Fan Dimmer four gang - 1 Way Switch four gang - Fan Dimmer four gang - Fan Dimmer four gang - 1 Way Switch four gang - Fan Dimmer four gang -	22 10 2 7 25	Nos. Nos. Nos. Nos.	551 693 830 1,591	12,122 6,930 1,660 11,137	370 471 572 1,078	8,140 4,710 1,144	-33% -32% -31%	550 650	12,100 6,500	-69
supply, installation, testing & commissioning of following ype socket outlet including 16 SWG sheet steel back box if top quality recessed in wall (with earth terminal and 2 oats of antirust paint), complete in all respects, as per pecifications and drawings, as per approved manufacturer st and approval by the Engineer. OA, 2-pin universal Switch Socket outlet.					2,059	51,475	-32% -30%	1,200 1,800	8,400 45,000	-109 -259 -399
5A, 3-pin simplex Switch Socket outlet.	25 31 10 6 16	Nos. Nos. Nos. Nos. Nos.	704 809 1,244 977 2,000	17,600 25,079 12,440 5,862 32,000	476 500 870 644 5,940	11,900 15,500 8,700 3,864 95,040	-32% -38% -30% -34% 197%	550 750 1,200 750 1,000	13,750 23,250 12,000 4,500 16,000	-229 -79 -49 -239 -509
OAD BREAK SWITCHES supply, installation, testing & commissioning of following ize Load Break switch with MS back box including all coessories complete in all respects as per specifications,										
0 Amp SPN LBS	1	Nos.	1,024	1,024	8,580	8,580	738%	3,600	3,600	2529
Sub- Total (Rs.)				1,302,330		1,249,827			965,300	
ART-5: EARTHING SYSTEM										
farth Electrode supply at site and installation of Stainless Steel copper laded earth electrodes, 10 feet long and 20mm dia actuding cost of all necessary materials, complete in all espects, as per specification.	9	Nos.	11,067	99,603	33,660	302,940	204%	32,000	288,000	189%
supply, installation and connecting up of 1 x 16sqmm 1- fore CuPVC cable, in 38mm dia uPVC Class-d conduit irectly buried in ground, includes excavation, backfilling of arth, cad-welding of copper conductor to earth electrode of at one end and provision/ fixing of cable lugs at other nd, including all accessories as per the Specifications and trawings and to the entire satisfaction and approval of the	10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785%
x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC lass-d conduit directly buried in ground, from Pit to ECP / fCC, as per drawing or as per the instructions of the ngineer, including cost of excavation, backfilling of earth, rass nuts, bolts, washers, all necessary accessories.	40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%
x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC lass-d conduit, from ECP to U-link box and from U-Link ox to data patch panel, as per drawing or as per the istructions of the engineer, including cost of brass nuts, olts, washers, all necessary accessories, complete in all	85	R.ft	205	17,425	197	16,745	-4%	2,200	187,000	973%
onductor 2x50 mm sq. in 38mm dia uPVC Class-d onduit, from building rebars to earth connecting point, as er drawing or as per the instructions of the engineer. Including cost of brass nuts, bolts, washers, all necessary	17900	Rf	394	147 750	543	203 625	38%	3.450	1 293 750	776%
	3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 5A, 3-pin Simplex Switch Socket outlet. 10or Box - Type B OAD BREAK SWITCHES 10upply, installation, testing & commissioning of following lize Load Break switch with MS back box including all coessories complete in all respects as per specifications, rawings & approval of the Engineer O Amp SPN LBS Sub-Total (Rs.) VART-5: EARTHING SYSTEM Sarth Electrode 10upply at site and installation of Stainless Steel copper laded earth electrodes, 10 feet long and 20mm dia reluding cost of all necessary materials, complete in all respects, as per specification. Supply installation and connecting up of 1 x 16sqmm 1-tore Cu/PVC cable, in 38mm dia u/PVC Class-d conduit irectly buried in ground, includes excavation, backfilling of arth, cad-welding of copper conductor to earth electrode and and provision/ fixing of cable lugs at other nd, including all accessories as per the Specifications and rawings and to the entire satisfaction and approval of the ingineer. 10 upply, installation and connections of copper conductor to the missing of the entire satisfaction and approval of the ingineer. 11 CC, as per drawing or as per the instructions of the ngineer, including cost of excavation, backfilling of earth, rass nuts, bolts, washers, all necessary accessories, omplete in all respects. 12 upply, installation and connections of copper conductor x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC class-d conduit, from ECP to U-link box and from U-Link ox to data patch panel, as per drawing or as per the instructions of the engineer, including cost of brass nuts, olts, washers, all necessary accessories, complete in all respects. 10 upply, installation and connections of bare copper conductor x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC class-d conduit, from ECP to U-link box and from U-Link ox to data patch panel, as per drawing or as per the instructions of the engineer, including cost of brass nuts, olts, washers, all necessary accessories, com	3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 5A, 3-pin Simplex Switch Socket outlet. 6 loor Box - Type B OAD BREAK SWITCHES 5 lupply, installation, testing & commissioning of following size Load Break switch with MS back box including all coessories complete in all respects as per specifications, rawings & approval of the Engineer O Amp SPN LBS 1 Sub-Total (Rs.) PART-5: EARTHING SYSTEM Sarth Electrode 10 lupply at site and installation of Stainless Steel copper laded earth electrodes, 10 feet long and 20mm dia necluding cost of all necessary materials, complete in all respects, as per specification. Supply, installation and connecting up of 1 x 16sqmm 1-lore Cu/PVC cable, in 38mm dia uPVC Class-d conduit irrectly buried in ground, includes excavation, backfilling of arth, cad-welding of copper conductor to earth electrode od at one end and provision/ fixing of cable lugs at other not, including all accessories as per the Specifications and rawings and to the entire satisfaction and approval of the ingineer. Supply, installation and connections of copper conductor x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC class-d conduit directly buried in ground, from Pit to ECP / 10CC, as per drawing or as per the instructions of the ingineer. including cost of excavation, backfilling of earth, rass nuts, bolts, washers, all necessary accessories, complete in all respects. 40 Longity, installation and connections of copper conductor x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC class-d conduit, from ECP to U-link box and from U-Link ox to data patch panel, as per drawing or as per the instructions of the engineer, including cost of brass nuts, olds, washers, all necessary accessories, complete in all respects. Lupply, installation and connections of bare copper onductor 2x50 mm sq. in 38mm dia uPVC class-d onduit, from ECP to U-link box and from U-Link ox to data patch panel, as per drawing or as per the instructions of the engineer. i	3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 3A, 3-pin Simplex Steel Copper look of Switch	3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Duplex Switch Socket outlet. 3A, 3-pin Simplex Switch Socket outlet. 3B, 3-pin Simplex Switch Switch Socket outlet. 3B, 3-pin Simplex Switch S	3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Simplex Switch Socket outlet. 5A, 3-pin Simplex Switch Socket outlet. 5A, 3-pin Simplex Switch Socket outlet. 6A, 3-pin Simplex Switch Socket Switch Socket Switch Socket Switch	3A, 3-pin Simplex Switch Socket outlet. 3A, 3-pin Simplex Switch Socket outlet. 5A, 3-pin simplex Switch Socket outlet. 5B, 3-pin simplex Switch Sw	3.3. 3-pin Diriplex Switch Socket outlet. 3.3. 3-pin Diriplex Switch Socket outlet. 5.4. 3-pin simplex Switch Socket outlet. 5.5. 3-pin simplex Switch Socket outlet. 5.6. 40 4 5.940 5.9	3A, 3-pin Direjex Switch Socket outlet. 3A, 3-pin Direjex Switch Socket outlet. 5A, 3-pin Direjex Switch Socket outlet. 5A, 3-pin Simplex Switch Socket Switch S	3.3 a. jan Dipules Switch Socket outlet. 3.3 a. jan Dipules Switch Socket outlet. 5.5 a. jan implies Switch Socket outlet. 5.6 b. jan implies Switch Socket outlet. 5.6 cor flox - Type B OAD BREAK SWITCHES 1.00 b. jan implies Switch Miss back box including all coessones complete in all respects as per specifications, raining & approval of the Engineer O Amp SPN LBS 1. Nos. 1,024 1,0	3.3. a)-in playes which Socket outlet. 3.1 a)- simplayes which Socket outlet. 5.3. a)- in playes which Socket outlet. 5.4. a)- in simplex switch Socket outlet. 5.5. a)- in simplex Switch Socket outlet. 5.6. a)- in simplex Switch Swit

Intent Patch Panel Patch	26/030		The second second second	dine	91	Engineer	's Estimate	M/s. AMC	ORP Engg &	Const.	M/s. V	VSKB & Compa	iny
31-445 31-345 3	Item		Item Description	QTY	Unit	Rate	Amount			% Diff	Rate (Rs.)	Amount (Rs)	% Diff
a) Supey and installation of following Patch Panels complete in all respects as per the specifications and drawings and to the approval of the Engineer. 1) 22 Por Patch Panel 1) Nos. 35,154 35,154 35,154 22,394 22,394 23,000 25,133,04E 15 Telephone / Data Patch Cords omplete in all respects as per the specifications and drawings and to the ordine stallation of the Engineer. 5) Nos. 294 1,470 2,112 10,560 6185 4,200 21,4 Nos. 35,154 22,394 22,394 23,900 25,1 35,154 22,394 22,394 23,900 25,1 35,154 22,394 22,394 23,900 25,1 35,154 22,394 22,394 23,900 25,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 22,394 23,900 24,1 35,154 23,11 24,10 25,10						(Rs.)	(Rs)	(Rs.)	(Rs)		100,010,210,22		
complete in all respects as per the specifications and drawings and to the entire satisfaction of the Engineer. b) Supply and connecting of data CAT 6A patch cord complete in all respects as per the specifications and drawings and to the entire satisfaction of the Engineer. c) I meter long c) The	a)	Supply and installa in all respects as p to the approval of t	per the specifications and drawings and the Engineer.		Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
Complete in all respects as per the specifications and drawings and to the entire satisfaction of the Engineer. 1 meter long 24	a)	Supply and conne complete in all re	ecting of telephone 2 Pair drop cord espects as per the specifications and		Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	13299
port rack mounted 19° CAT-6A UTP Patch Panel with cable organizer including all installation accessories as per specification complete in all respect to the approval of engineer. 31-04E 27 Telephone Sets Supply and connection of following type of Telephone sets. a) Telephone with CLI Module 2 Nos. 4,568 9,136 2,376 4,752 -48% 3,000 6,1 15,1 16,1 16,1 16,1 16,1 16,1 16,1	0	complete in all re drawings and to the 1 meter long	espects as per the specifications and	24	0/11/2015/01							18,000 24,000	-20% -28%
a) Telephone with CLI Module 2 Nos. 4,568 9,136 2,376 4,752 48% 3,000 6,61 Telephone without CLI Module 3 Nos. 3,045 9,135 1,980 5,940 -35% 5,000 15.0		Supply installation port rack mounted cable organizer ind specification comp	of 15U Data racks for the fixing of 12 1 19" CAT-6A UTP Patch Panel with luding all installation accessories as per		Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
Thelephone without CLI Module Sub-Total (Rs.) Sub-Total (Rs.) PART -7 Fire Alarm System 31-04E 22 Fire Alarm System Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. Smoke detector with buzzer Sub-Total (Rs.) PART -8 LIGHTNING PROTECTION SYSTEM 31-04E 23 Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawing or as required as per site conditions, including cost of copper saddles, copper crossing 3*x3* as shown on drawings, brass screws, all necessary fixing material / accessories, complete in all respects. Sub-Total (Rs.) PART -8 LIGHTNING PROTECTION SYSTEM 31-04E 24 Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawing or as required as per site conditions, including cost of copper saddles, copper crossing 3*x3* as shown on drawings, brass screws, all necessary fixing material / accessories including cadweld, complete in all respects. Supply at site, installation, connections of 50mm.sq, stranded bare copper conductor as down conductors to be installed within the columns from air terminal on roof to building rebars, all other required accessories including cadweld, complete in all respects. Supply, installation and connecting up of 1 x 16mm DIA SUNDN ROUND COPPER 600mm LONG AERIAL ROD as and where shown on drawings, complete with fixing arrangement, cost of all necessary materials / accessories.		Supply and connec	RESIDENCE SANTENCE PROPERTY STATES OF THE ST	2	Nos	4 568	9.136	2.376	4,752	-48%	3,000	6,000	-34%
PART -7 Fire Alarm System 31-04E 22 a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. b) Smoke detector with buzzer 8 Nos. 7,345 58,760 2,857 22,856 -61% 12,000 96.1 13,500 54.1 Sub-Total (Rs.) Sub-Total (Rs.) 90,112 32,124 150,1 PART -8 LIGHTNING PROTECTION SYSTEM Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawings or as required as per site conditions, including cost of copper saddles, copper crossing 37.3° as shown on drawings, brass screws, all necessary fixing material / accessories, complete in all respects. 31-04E 24 24 25 26 27 28 29 343,850 31-362 31-362 31-362 31-362 31-362 31-363 31-363 31-363 31-363 31-364 31-365 31-												15,000	64%
31-04E 22 Fire Alarm System 3 Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories as per approved manufacturer, complete with all respect. 3 Smoke detector with buzzer 4 Nos. 7,345 58,760 2,857 22,856 -61% 12,000 96.1 (1) Heat detector with buzzer 4 Nos. 7,838 31,352 2,317 9,268 -70% 13,500 54.1 (1) PART -8 LIGHTNING PROTECTION SYSTEM 31-04E 23 Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawings brass screws, all necessary fixing material / accessories, complete in all respects. 31-04E 24 Down Conductor a) Supply at site, installation, connections of 50mm.sq. stranded bare copper conductor as down conductors to be installed within the columns from air terminal on roof to building rebars, all other required accessories including cadweld, complete in all respects. 31-04E 25 Air terminal SUND ROUND COPPER 600mm LONG AERIAL ROD as and where shown on drawings, complete with fixing arrangement, cost of all necessary materials / accessories.			Sub- Total (Rs.)				325,061		227,539			454,500	
31-04E 22 Fire Alarm System 3 Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories as per approved manufacturer, complete with all respect. 3 Smoke detector with buzzer 4 Nos. 7,345 58,760 2,857 22,856 -61% 12,000 96.1 (1) Heat detector with buzzer 4 Nos. 7,838 31,352 2,317 9,268 -70% 13,500 54.1 (1) PART -8 LIGHTNING PROTECTION SYSTEM 31-04E 23 Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawings brass screws, all necessary fixing material / accessories, complete in all respects. 31-04E 24 Down Conductor a) Supply at site, installation, connections of 50mm.sq. stranded bare copper conductor as down conductors to be installed within the columns from air terminal on roof to building rebars, all other required accessories including cadweld, complete in all respects. 31-04E 25 Air terminal SUND ROUND COPPER 600mm LONG AERIAL ROD as and where shown on drawings, complete with fixing arrangement, cost of all necessary materials / accessories.		DART 7 Fire Ala	rm System										
PART -8 LIGHTNING PROTECTION SYSTEM 31-04E 23 Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawing or as required as per site conditions, including cost of copper saddles, copper crossing 3"x3" as shown on drawings, brass screws, all necessary fixing material / accessories, complete in all respects. 1150 R.ft. 299 343,850 775 891,250 159% 1,200 1,380,0 150 150 150 150 150 150 150 150 150 15	0	type Standalone accessories, as pe all respect. Smoke detector wi	fire detection devices including all r approved manufacturer, complete with th buzzer	8								96,000 54,000	63% 72%
31-04E 23 Roof Conductor Supply at site and installation of 50sqmm stranded bare copper conductor fixed on parapet walls or on flat surface of roof as shown on drawing or as required as per site conditions, including cost of copper saddles, copper crossing 3"x3" as shown on drawings, brass screws, all necessary fixing material / accessories, complete in all respects. 31-04E 24 Down Conductor Supply at site, installation, connections of 50mm.sq. stranded bare copper conductor as down conductors to be installed within the columns from air terminal on roof to building rebars, all other required accessories including cadweld, complete in all respects. 31-04E 25 Air terminal Supply, installation and connecting up of 1 x 16mm DIA SOUND ROUND COPPER 600mm LONG AERIAL ROD as and where shown on drawings, complete with fixing arrangement, cost of all necessary materials / accessories.			Sub- Total (Rs.)				90,112		32,124			150,000	
a) Supply at site, installation, connections of 50mm.sq. stranded bare copper conductor as down conductors to be installed within the columns from air terminal on roof to building rebars, all other required accessories including cadweld, complete in all respects. 530 R.ft. 362 191,860 775 410,750 114% 1,200 636,0 114% 1,200 63	11-04E 23	Roof Conductor Supply at site and copper conductor of roof as shown conditions, includion crossing 3"x3" as necessary fixing in	t installation of 50sqmm stranded bare fixed on parapet walls or on flat surface on drawing or as required as per site ong cost of copper saddles, copper shown on drawings, brass screws, all		R.ft.	299	343,850	775	891,250	159%	1,200	1,380,000	301%
Supply, installation and connecting up of 1 x 16mm DIA SOUND ROUND COPPER 600mm LONG AERIAL ROD as and where shown on drawings, complete with fixing arrangement, cost of all necessary materials / accessories.	а)	Supply at site, stranded bare cop- installed within the building rebars, a	installation, connections of 50mm.sq. per conductor as down conductors to be a columns from air terminal on roof to Il other required accessories including		R.ft.	362	191,860	775	410,750	114%	1,200	636,000	231%
		Supply, installation SOUND ROUND as and where sh arrangement, cost	COPPER 600mm LONG AERIAL ROD own on drawings, complete with fixing of all necessary materials / accessories.		Nos.	16,538	99,228	30,858	185,148	87%	5,500	33,000	-67%
31-04E 26 Copper Test Link Supply at site and installation of sectionable copper test link made of 200mm x 200mm uPVC enclosure with necessary holes, all fixing accessories of the copper test link to be installed on the wall of manholes, brass nuts bolts, washers, including cost of all necessary materials, complete in all respects. 8 Nos. 2,305 18,440 28,054 224,432 1117% 5,000 40,000 and 1000 are respected to the complete in all respects.	10/30/25/20	Supply at site and link made of 200 necessary holes, link to be installed bolts, washers, inc	I installation of sectionable copper test Imm x 200mm uPVC enclosure with all fixing accessories of the copper test d on the wall of manholes, brass nuts cluding cost of all necessary materials.		Nos	2 205	18 440	28.054	224 432	1117%	5.000	40,000	1179
complete in all respects. 8 Nos. 2,305 18,440 28,054 224,432 1117% 5,000 40,000 11,711,580 2,089,000 12,089,00000 12,089,000 12,089,000 12,089,000 12,089,000 12,089,000 12,089,		complete in all resp	pects	8	NOS.	2,305	658753	28,054	224,432	111776	5,000	40,000	1.173

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GI DU		Sen	that		r's Estimate		CORP Engg &	Const.	M/s, V	VSKB & Compa	iny
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 34	Manholes			11101/		1.434	1				
	Construction of water tight concrete handhole / cable chamber with Heavy duty RCC cover with lifting hooks and these words "ELECTRICAL CABLES" written with paint or cover. Complete in all respect as per drawing and specification. Sizes of Manhole are as under. 1'-6" x 1'-6" x 2'-6" deep		Nos.	14,138	98,966	12,144	85,008	-14%	5,000	35,000	-65%
	Utility / PTCL Connection Supply and co-ordination for the utility connection from WAPDA / HESCO as per required electrical load demand. The utility connection charges shall be paid separately as per actual on submission of receipt.		Job	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	26219
b)	Supply and co-ordination for the telephone connection from PTCL as per required demand. The telephone connection charges shall be paid separately as per actual or submission of receipt.		Job	21,000	21,000	19,800	19,800	-6%	300,000	300,000	1329%
	Sub- Total (Rs.)				165,247		239,493			1,359,500	
31-04E 36	PART -12 SOLAR ROOM ELECTRIFICATION WORKS LIGHT FIXTURES Supply, Installation, testing and commissioning of following light fittings, ceiling /wall mounted made of fiber / plastic body. Complete with electronic blast, lamp holders, power factor correction capacitor, internal wiring, earthing terminal, complet										
а.	Fluorescent Light TCW098 with 1x36Watt TL-D lamp color 84 & electronic ballast (IP65).	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%
b.	Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%
	Switches & Fan Dimmers Supply and installation of following type gang switches of 10 Amp rating, including 16 SWG sheet steel back box recessed in wall (with earth terminal and 2 coats of antirus) paint), complete in all respect, as per specifications and drawings and approval Four gang - 1 Way Switch		Nos.	830	830	572	572	-31%	750	750	-10%
	SOCKETS Supply, installation, testing & commissioning of following type socket outlet including 16 SWG sheet steel back box of top quality recessed in wall (with earth terminal and 2 coats of antirust paint), complete in all respects, as perspecifications and dr 13A, 3-pin Duplex Switch Socket outlet.		Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-49
31-04E 39 a)	Fire Alarm System Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. Heat detector with buzzer		Nos.	7,838	7,838	2,317	2,317	-70%		13,500	729
31-04E 40	Circuit Wiring & Conduiting Circuit Wiring and conduiting from DB to switch with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm. dia PVC conduit. complete with cables, conduits and all necessary accessories such as connectors, ceiling rose, flexible wires/conduits, sheet steel boxes etc. (wherever required) as per the specifications and drawings and approval by the Engineer.		Nos.	4,615	4,615	2,789	2,789	-40%		4,200	-9%
b)	Same as item (a) but wiring from switch to power outlet.	1	Nos.	1,118	1,118	1,908	1,908	71%	3,800	3,800	240%
c)	Wiring from switch to first light with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm dia PVC conduit, complete with cables and conduits and all necessary accessories as per the specifications and drawings and approval by the			os Hillstef	222247	11.00.20.00	3000000	922844			المناسبين والمناسبين والمناسب والمناسبين والمناسبين والمناسبين والمناسبين والمناسبين والمناسب والمناسبين والمناسبين والمناسبين والمناسبين والمناسبين والمناسب والمناسبين والمناسبور والمناس
	Engineer.	4	Nos.	961	3,844	1,558	6,232	62%	2,800	11,200	191%
	Sub- Total (Rs.)				47,229		33,732			50,250	
	Total Cost for Electrical Works Rs.				5,749,109		6,772,976			11,342,650	

		and also sa		Engineer	's Estimate	M/s AMC	ORP Engg &	Const	M/s. W	SKB & Con	npany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
				(ns.)	(res)	(na.)	(KS)		(11.5.)	(IKS)	74 0
01-05P13	Plumbing Sewerage Providing, fixing , cutting, jointing and testing uP conforming to BS-4514 and BS 5255 inclustifitings with solvent cement jointing, rates incluciamping to walls and ceiling , hangers, support through walls and providing sleeves through confor pipelines and pipe fittings of the following diameters.	ding uPVC ide cost of irts, cutting crete slabs									
	2" dia	105	Rft.	145	15,225	245	25,725	69%	250	26,250	729
	3" dia	Rate or		180	102 100	317	207.000	76%	350 450	100 000	949 919
	4" dia 6" dia	440 110	Rft.	235 610	103,400 67,100	472 471	207,680 51,810	101% -23%	650	198,000 71,500	79
			I tooleson	160,000	78250747676507	1.00000					
01-05P14	Providing and fixing 4" dia Floor Drain with P-Trap Steel grating, and cover.	p, Stainless 49	No.	1,865	91,385	1,980	97,020	6%	1,000	49,000	-469
01-05P15	Construction of rectangular brick masonry in following sizes for sewer complete with plast internal and external side, PCC 1:2:4 base slat with 1:3 cement sand mortar including 18" di cover and frame, rungs, complete as per drawing	ering from b, benching a manhole				33,000	165,000		7,500	37,500	
01-05P16	Providing and constructing gully trap of size	90.				6555555	Metaloga		Spireses.	53,4000	
0,00,10	locations shown on drawings with cover, com- respects.		No.	7,170	28,680	6,600	26,400	-8%	4,500	18,000	-379
01-05P17	Providing and fixing Clean Out complete in all res.	- 28	No.	1,865	14,920	3,300	26,400	77%	2,000	16,000	79
	Water Cooler Providing and fixing drinking water cooler of c gallons per hour including all accessories as connections to water supply and drainage system	apacity 60 nd making				51175		5076107			500
	in all respects as per details in specifications	4	No.	98,870	395,480	72,600	290,400	-27%	26,000	104,000	-74%
	Sub-	Total (Rs.)			716,190		890,435			520,250	
01-05P19	EXTERNAL DEVELOPMENT Septic Tank Providing, laying, cutting, jointing, testing uPVC B.S.S. with 'B' Class working pressure pipe, in complete in all respects as per drawing or direct Engineer. 6" i/d (150 mm) 4" dia, pipe seleves in walls 6" dia, pipe seleves in walls	n trenches,	Rft. Nos Nos	610 850 1,520	9,150 4,250 3,040	471 990 1,254	7,065 4,950 2,508	-23% 16% -18%	650 4,000 6,000	9,750 20,000 12,000	7% 371% 295%
01-05P20	Soakage Pit Providing, laying, cutting, jointing, testing uPVC B.S.S. with 'B' Class working pressure pipe, if complete in all respects as per drawing or direct Engineer. 6" i/d (150 mm)	trenches,	Rft.	610	3,050	1,657	8,285	172%	6,500	32,500	966%
01-05P21	Ground Water Storage Tank Providing, laying, cutting, jointing, testing and G.I. pipe (Heavy Quality) of B.S.S. 1387-1967 of all respects, with coupler, puddle flange, speci- drawing or directed by the Engineer. i) ½" dia	complete in	Rft.	175	875	137	685	-22%	1,000	5,000	471%
	ii) 1½" dia	5	Rft.	315	1,575	262	1,310	-17%	2,000	10,000	535%
	iii) 2" dia, pipe seleves, 9" long	2	Nos	455	910	594	1,188	31%	3,000	6,000	559%
)1-05P22A	Overhead Water Storage Tank Vent Pipe 4" dia as per drawing and specifi U.G.W.Tank, O.H.W.Tank complete in all respe flange, specials as per drawing or directed by the	cts, puddle	Nos	1,245	4,980	9,900	39,600	695%	10,000	40,000	703%
	Providing, laying, cutting, jointing, testing and brass pipe seleaves/ connection pie with puddl										
1-05P22B	coupler (Heavy Quality) of approved as per B. complete in all lrespects, with coupler, puds specials as per drawing or directed by the Engine i) 11/2" dia, pipe seleves, 10" long	de flange,	Nos	1,110	2,220	2,640	5,280	138%	4,000	8,000	260%

			Marie I		Engineer	r's Estimate	M/s AMC	ORP Engg &	& Const	M/s. V	VSKB & Con	npany
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
					(143.)	(100)	(143.)	(IKS)		(res.)	(143)	70 0111
01-05P39		ector valve as per B.S.S quality, complete is directed by the Engineer.	1	Each.	280	280	11,220	11,220	3907%	2,500	2,500	793%
1-05P40		V.C. Cup/Cover as per B.S.S quality, pect and as directed by the Engineer.	1	No.	80	80	5,940	5,940	7325%	2,000	2,000	2400%
11-05P41	capable to carry a	neumatic Pump (having 4 impeliers a discharge of 400 gals/hr against 90 ft Motor), complete in all respect and as gineer.		Set.	63,705	63,705	59,400	59,400	-7%	92,000	92,000	44%
01-05P42	(PPR) PN20 press 8078 for pipes an welded joints) insid (sockets, tees, elb plugs and union et roof slab or run in											
	i) %" internal dia (2: ii) ¾" internal dia (3: iii) 1" internal dia (4: iv) 1¼" internal dia v) 1¼" internal dia v) 1½" internal dia (7: vii) 2½" internal dia (7: vii) 2½" internal dia	22 mm outer dia) 0 mm outer dia) (50 mm outer dia) (63 mm outer dia)	Rate only 30 150 130 13 Rate only Rate only	Rft. Rft. Rft. Rft. Rft. Rft.	180 160 405 585	5,400 24,000 52,650 7,605	87 171 257 400 639 858 1,122	5,130 38,550 52,000 8,307	-5% 61% -1% 9%	100 125 150 175 200 250 300	3,750 22,500 22,750 2,600	-31% -6% -57% -66%
01-05P43	equivalent make, complete in all res diameters. i) ¾" internal dia (3 iii) 1" internal dia iv) 1½" internal dia iv) 1½" internal dia v) 2" internal dia (7 iv) 2½" internal dia	0 mm outer dia) (50 mm outer dia) (63 mm outer dia) 5 mm outer dia) (90 mm outer dia)	2 4 3 0 Rate only Rate only	No No No No No	3,190 4,670 7,075 9,870	6,380 18,680 21,225	3,705 4,330 6,600 11,708 15,907 40,788	7,410 17,320 19,800	16% -7% -7% 19%	750 1,000 1,200 1,500 2,000 2,500	1,500 4,000 3,600	-76% -79% -83% -85%
01-05P44	conforming to B fittings with solver clamping to walls through walls and	ge cutting, jointing and testing uPVC piping S-4514 and BS 5255 including uPVC at cement jointing, rates include cost of and ceiling, hangers, supports, cutting providing sleeves through concrete slabs pipe fittings of the following diameter:	Rate only Rate only 32 430	Rft. Rft. Rft.	235 610	7,520 262,300	245 317 472 471	15,104 202,530	101% -23%	250 350 450 650	14,400 279,500	91% 7%
01-05P45	Providing and fixing Steel grating, and	g 4" dia Floor Drain with P-Trap, Stainless	1	No.			1,980	1,980		1,000	1,000	
01-05P46	Construction of red for sewer complete side, PCC 1:2:4 bit	ctangular brick masonry manhole of 2'x2' with plastering from internal and external ase slab, benching with 1:3 cement sand 8" dia manhole cover and frame, rungs,	10	No.			33,000	330,000		7,500	75,000	
01-05P47		estructing gully trap of size 6° x 6° at an drawings with cover, complete in all		No.			6,600	13,200		4,500	9,000	
01-05049	1065425015H19050	Clean Out complete in all respects	1	No.			3,300	3,300		2,000	2,000	
	Water Supply Pur Supply at site, in water supply recip	CODE COST DE COMPTENCIA DE COMPTENCIA DE CONTROL DE CON	2	No.	40,045	80,090	198,000	396,000	394%	7,600	15,200	-81%
		oto mi dii reapeut.	- 4	1.40	30,090	00,000	100,000	000,000	0.04.10	1,000	14,600	0.170
	apacineation comp	Sub- Total (Rs.)				858,760		1,811,863		_	1,384,800	_

Ref.Spec. No. G08 Providing and may sq. ft for education period including a supply and sanitat by the Engineer. Providing and mai ft for education period including a supply and sanitat by the Engineer. Providing and mai ft for education period including a supply and sanitat by the Engineer.	Ittem Description Ittes (Optional Items) Intaining a rental building of area 3200 purpose during the entire construction all utility services i.e electricity, water ion complete in all respect as directed OR Intaining a tent school of area 3200 sq. surpose during the entire construction all utility services i.e electricity, water ion complete in all respect as directed	20	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
Ref.Spec. No. G08 Providing and may sq. ft for education period including a supply and sanitat by the Engineer. Providing and mai ft for education period including a supply and sanitat by the Engineer. Providing and mai ft for education period including a supply and sanitat by the Engineer.	ontaining a rental building of area 3200 purpose during the entire construction ill utility services i.e electricity, water ion complete in all respect as directed OR nataining a tent school of area 3200 sq. surpose during the entire construction ill utility services i.e electricity, water	20	Month								
Providing and mains, if for education period including a supply and sanitate by the Engineer. Providing and mains, if for education period including a supply and sanitate by the Engineer. Providing and mains, in the Engineer.	ntaining a rental building of area 3200 purpose during the entire construction all utility services i.e electricity, water ion complete in all respect as directed OR ntaining a tent school of area 3200 sq. rurpose during the entire construction all utility services i.e electricity, water	20	Month	30,000							
It for education p period including a supply and sanitat by the Engineer. Providing and mai	ntaining a tent school of area 3200 sq. surpose during the entire construction all utility services i.e electricity, water			50,000	600,000	132,000	2,640,000	340%	128,000	2,560,000	327%
		20	Month	22,000	440,000	104,280	2,085,600	374%	112,000	2,240,000	409%
construction periodelectricity, aircond	litioning, water supply and sanitation		Month	90,000	1 800 000	450,000	9 000 000	400%	144,000	2.880.000	60%
from existing scho	ol to rental building and reinstall as per	30	in :=	2004/1/2001		Secretarion V	Market State of	NEW AND STREET	1,12,100		
	1987 1987 AND THE REPORT OF THE SECOND SEC.	1	L.S	30,000	30,000	264,000	264,000	780%	100,000	100,000	233%
Ref.Spec. No. C01		21,600	Sft	5	108,000	3	64,800	-40%	15	324,000	200%
Ref.Spec. No. G04 Dismantling, remo- foundations included designated places All the dismantled and rate/price of compensation of s	ving of existing building structure and ling disposal of debris materials to /location as directed by the engineer. materials shall be contractor's property f dismantling work should include such items obtained by the Contractor	1,000	Sft	30	30,000	66	66,000	120%	120	120,000	300%
including any struc	ture as per site and as directed by the	50	Rft.	105	5,250	660	33,000	529%	125	6,250	19%
including any struc	ture as per site and as directed by the	50	Rft.	18	900	66	3,300	267%	60	3,000	233%
		150	Rft.	20	3,000	132	19,800	560%	10	1,500	-50%
drawing including directed by the E	disposal of surplus material and as ngineer. Dismantled material shall be	50	Rft	105	5,250	198	9,900	89%	200	10,000	90%
flooring as shown disposal of surpl	in the drawing/ as per site including us material and as directed by the	100	Sft	25	2,500	33	3,300	32%	35	3,500	40%
Providing, installi electrical supply including cables, a	ng, testing and commissioning of line for re-routing as per new plan ill fixtures, connections and all related	1	Job	120,000	120,000	198,000	198,000	65%	50,000	50,000	-58%
Providing, installi telephone line for cables, all fixtures,	ng, testing and commissioning of re-routing as per new plan including connections and all related civil works	200		Sygnature.	0.124/2020		. 5202.60	74227			20%
COC SAS SECE DESCRIPTION OF THE PROPERTY OF THE	construction periodectricity, aircondicerticity, aircondicerticity, aircondicerticity, aircondicerticity, aircondicerticity, aircondicerticity, aircondicerticity, aircondicerticity aircondicerticity and def. Spec. No. Colleging and Grubley the Engineer. DISMANTLING W. Ref. Spec. No. Godosimanting, remover aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity. Dismanting, remover aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity. Dismanting, remover aircondicerticity aircondicerticity aircondicerticity aircondicerticity aircondicerticity. Dismanting, remove aircondicerticity, installing aircondicerticity,	construction period including all utility services i.e electricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer. Shifting of furnitures and equipemnts and reinstall etc rom existing school to rental building and reinstall as per specification and directed by the engineer. Site Clearing and Grubbing Ref.Spec. No. C01 Clearing and Grubbing complete in all respect as directed by the Engineer. DISMANTLING WORK Ref.Spec. No. G04 Dismantling, removing of existing building structure and condations including disposal of debris materials to lesignated places/location as directed by the engineer. Will the dismantled materials shall be contractor's property and rate/price of dismantling work should include compensation of such items obtained by the Contractor rom existing building. Dismantling, removing of existing sewerage lines including any structure as per site and as directed by the engineer. Dismantled material shall be contractor's property. Dismantling, removing of existing water supply lines including any structure as per site and as directed by the engineer. Dismantled material shall be contractor's property. Dismantling, removing of existing electrical supply lines as directed by the Engineer. Dismantled material shall be contractor's property. Dismantling, removing of existing walkways/plateform and coring as shown in the drawing/ as per site including lisposal of surplus material and as directed by the engineer. Dismantled material shall be contractor's property.	construction period including all utility services i.e electricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Shifting of furnitures and equipemnts and reinstall etc rom existing school to rental building and reinstall as per specification and directed by the engineer. 21 Site Clearing and Grubbing Ref.Spec. No. C01 Clearing and Grubbing complete in all respect as directed by the Engineer. 21,600	construction period including all utility services i.e electricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month Shifting of furnitures and equiperants and reinstall etc rom existing school to rental building and reinstall etc rom existing school to rental building and reinstall as per specification and directed by the engineer. 21 L.S. 22 Site Clearing and Grubbing 23 Ref. Spec. No. C01 24 Dearing and Grubbing complete in all respect as directed by the Engineer. 25 Site Clearing and Grubbing complete in all respect as directed by the Engineer. 26 Site Clearing and Grubbing complete in all respect as directed by the Engineer. 27 Site Clearing and Grubbing complete in all respect as directed by the engineer. 28 Site Clearing and Grubbing complete in all respect as directed by the engineer. 29 Site Clearing and Grubbing complete in all respect as directed by the engineer. 20 Month 20 Site Clearing and Grubbing complete in all respect as directed by the engineer. 21 Site Clearing and Grubbing complete in all respect as directed by the engineer. 21 Site Clearing and Grubbing complete in all respect as directed by the engineer. 22 Site Clearing and Grubbing complete in all respect as directed by the Engineer. 23 Site Clearing and Engineer in all respect as directed by the Engineer. 24 Site Clearing and Engineer in all respect as directed by the Engineer. 25 Site Clearing and Engineer in all respect as directed by the Engineer. 26 Site Clearing and Engineer in all respect as directed by the Engineer. 27 Site Clearing and Engineer in all respect as directed by the Engineer. 28 Site Clearing and Engineer in all respect as directed by the Engineer. 29 Site Clearing and Engineer in all respect as directed by the Engineer. 20 Site Clearing and Engineer in all respect as directed by the Engineer. 20 Site Clearing and Engineer in all respect as directed by the Engineer. 20 Site Clearing and Engineer in all respect as directed by the Engin	construction period including all utility services i.e leactricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month 90,000 Shifting of furnitures and equipemnts and reinstall etcrom existing school to rental building and reinstall as per specification and directed by the engineer. 21 L.S 30,000 Stet Clearing and Grubbing complete in all respect as directed by the Engineer. 21,600 Sft 5 Stet Sissen. No. C01 Clearing and Grubbing complete in all respect as directed by the Engineer. 21,600 Sft 5 Stet Sissen. No. G04 Sissenanting, removing of existing building structure and bundations including disposal of debris materials to lesignated places/location as directed by the engineer. It is dismantified materials shall be contractor's property and rate/price of dismantling work should include compensation of such items obtained by the Contractor rom existing building. 23 Dismantling, removing of existing sewerage lines including any structure as per site and as directed by the fingineer. Dismantled material shall be contractor's property. 24 Dismantling, removing of existing water supply lines and irected by the Engineer. 25 Dismantling, removing of existing electrical supply line as irected by the Engineer. 26 Dismantling of existing boundry wall as shown in the rawing including disposal of surplus material and as irrected by the Engineer. 26 Dismantling, removing of existing walkways/plateform and coring as shown in the drawing/ as per site including lisposal of surplus material and as directed by the Engineer. 27 Dismantling, removing of existing walkways/plateform and coring as shown in the drawing/ as per site including lisposal of surplus material and as directed by the Engineer. 28 Dismantling, removing of existing walkways/plateform and coring as shown in the drawing/ as per site including lisposal of surplus material and as directed by the Engineer. 29 Dismantling, removing of existing and commissioning of elephone line for re-routing as pe	construction period including all utility services to electricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month 90,000 1,800,000 1,800,000 20,	construction period including all utility services is detectricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month 90,000 1,800,000 450,0	construction period including all utility services te electricity, aircorditioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month 90,000 1,800,000 450,000 9,000,000 Shifting of furnitures and equipernnts and reinstall etc crom existing school to rental building and reinstall as per pecification and directed by the engineer. 21 L.S 30,000 30,000 264,0	construction period including all utility services is electricity, accordinging, water supply and sanitation complete in all respect as directed by the Engineer. Shifting of furnitures and equipermits and reinstall etc rom existing school to rental building and reinstall as per periodication and directed by the engineer. LS 30,000 30,000 264,000 9,000,000 400% 566,000 264,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566,000 780% 566	construction period including all utility services is electricity, acronolitioning, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month 90,000 1,800,000 450,000 9,000,000 400% 144,000 50 50 50 50 50 50 50 50 50 50 50 50	construction period including all utility services it electricity, accordinging, water supply and sanitation complete in all respect as directed by the Engineer. 20 Month 90,000 1,800,000 450,000 9,000,000 400% 144,000 2,880,000 2,880,000 2,880,000 3,000 3,000 2,840,000 3,000 2,880,000 3,000

Item	Item Description CONSTRUCTION OF SCHOOL BUILDING	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	A
	CONSTRUCTION OF SCHOOL BUILDING			(Rs.)	(Rs)	(Rs.)	(Rs)	76 DITT	(Rs.)	(Rs)	% Diff
	SUB-STRUCTURE EARTHWORKS Ref Spec. No. C02 Excavation in all kinds of sub-surface materials,				1.07						
1- 0201	timbering upto following depths including disposal of surplus / rejected excavated materials to designated places. a) 0 ft to 5 ft	36118	Cft.	12	433,416	7	252,826	-42%	10	361,180	-179
L 02 C 2	b) More than 5 ft upto 10 ft. Fill and backfill with selected materials including	1000	Cft.	15	15,000	11	11,000	-27%	15	15,000	09
02.0.2	watering and compaction to every layer as per specification. a) From suitable excavated material (from stockpile of excavated materials)	33733	Cft.	8	269,863	13	438,527	63%	101	3,407,017	11639
	 b) Obtained from outside sources (material / source to be approved by the Engineer) upto free haulage limit. 		:cr-ents		100000000			2000	20		
	DEWATERING	22489	Cft.	22	494,748	40	899,542	82%	25	562,214	149
- 02 C 3	Ref.Spec. No. G03										
	running/ working position b) Dewatering, days not allow more then/ maximum	1	L.S.	1,000,000	1,000,000	264,000	264,000	-74%	250,000	250,000	-75%
	payable	15	Day	25,000	375,000	5,280	79,200	-79%	4,000	60,000	-849
- 02 C 4	TERMITE CONTROL TREATMENT Ref.Spec. No. C03 Termite control treatment to surfaces following structures complete in all respect as per specification: (Only plan area will be measured)	7650	Sq.ft.	22	168,300	11	84,150	-50%	15	114,750	-32%
- 02 C 5	REINFORCEMENT Ref. Spec. No. C04 Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	35	ton.	142,289	4,980,115	114,385	4,003,475	-20%	125,000	4,375,000	-129
- 02 C 6	Hot rolled deformed steel bars conforming to ASTM A- 108 grade 40 having tensile strength equal to or more than 40,000 psi.	Rate only	ton.			110,306			125,000		
	PLAIN AND REINFORCED CONCRETE AND FORMWI Ref.Spec. No. C04	ORKS									
- 02 C 7		3200	Cft.	243	777,600	199	636,800	-18%	185	592,000	-249
- 02 C 8	Reinforced cement concrete using slag cement conforming to BS-146, 3000 psi (28 day cylinder strength) in following complete in all respect as per drawings and specification in: a) Footing / Raft foundation	10335	Cft.	321	3,317,535	297	3,069,495	-7%	495	5,115,825	54%
	b) Columns upto plinth c) Plinth beams d) SOG & Ramps Slabs e) Walls	982 2230 95 35	Cft. Cft. Cft. Cft.	396 385 358 354	388,821 858,550 34,010 12,390	472 455 335 459	463,443 1,014,650 31,825 16,065	19% 18% -6% 30%	495 495 495 495	486,026 1,103,850 47,025 17,325	25% 29% 38% 40%
02 C 9	BRICK MASONRY Ref. Spec. No. C05 Solid brick masonry under the plinth beam of one and half brick thickness, set in 1:4 using stag cement conforming to BS-146 & sand mortar, straight or curve at any level including all anchors required to be built in brick masonry, complete in all respect as per drawings and specifications.	1981	Cft.	284	562,604	289	572,509	2%	390	772,590	37%

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Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 20	PLAIN AND REINFORCED CONCRETE AND FORM Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and			(1.0)	(10)	11.61/					
	specification; a) Columns b) Beams & lintels c) Slab & projections d) Stair cases	1,130 1,900 3,790 176	Cft. Cft. Cft. Cft.	408 414 388 448	461,040 786,600 1,470,520 78,848	488 474 380 540	551,440 900,600 1,440,200 95,040	20% 14% -2% 21%	500 500 500 500	565,000 950,000 1,895,000 88,000	23% 21% 29% 12%
	 e) Precast window sill as per design and erecting fixing including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases 		Cft.	395 536	51,350 15,919	748 862	97,240 25,601	89% 61%	500 500	65,000 14,850	279 -79
	Second Floor / Roof (From 2nd slab to 3rd slab & to REINFORCEMENT Ref. Spec. No. C04	ower)									
01- 02 C 21	Hot rolled deformed steel bars conforming to ASTM A- 615 grade 60 having tensile strength equal to or more than 60,000 psi.		ton.	142,289	711,445	115,705	578,525	-19%	127,000	635,000	-11%
01- 02 C 22	Hot rolled deformed steel bars conforming to ASTM A- 108 grade 40 having tensile strength equal to or more than 40,000 psi.		ton.			111,626			127,000		
01- 02 C 23	PLAIN AND REINFORCED CONCRETE AND FORM Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures components complete in all respect as per								. 3-16		
	drawings and specification; a) Columns b) Beams & lintels c) Slab & projections d) Parapet Wall/ Purdi e) Precast coping for parapet wall at roof and erecting;	110 129 252 425	Cft. Cft. Cft. Cft.	411 417 391 539	45,210 53,793 98,532 229,075	502 488 392 556	55,220 62,952 98,784 236,300	22% 17% 0% 3%	515 515 515 515	56,650 66,435 129,780 218,875	25% 24% 32% -4%
	fixing including shuttering and all accessories and/or embedded parts. g) Over head water tank, column, walls & slab f) Others Misc Str		Rft. Cft. Cft.	266 407 360	110,390 113,960 7,200	771 423 766	319,965 118,440 15,320	190% 4% 113%	552 532 520	229,080 148,960 10,400	1089 319 449
01- 02 C 24	FINISHING WORKS For Ground floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specifications.										
	a) 4-1/2" thick b) 9" thick c)13-1/2" thick	900 4,470 35	Cft. Cft. Cft.	305 288 283	274,500 1,287,360 9,905	309 301 250	278,100 1,345,470 8,750	1% 5% -12%	410 400 390	369,000 1,788,000 13,650	34% 39% 38%
01- 02 C 25	DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided inner & outer side and polish/ paint matching with door, complete hardware/fitting material (Hold fast & mortar etc) sizes and patam detail as per schedule with lacquer polish complete in all respect as shown on the drawings and specifications.		R.ft.	230	109,250	446	211,850	94%	125	59,375	-46%
01- 02 C 26	CEMENT PLASTER Ref.Spec. No. C06 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.		Sq.ft.	63	20,475	85	27,625	35%	45	14,625	-29%
01- 02 C 28	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	5.500.00	Sq.ft.	51	351,900	53	365,700	4%	35	241,500	-31%

1000		and the second second	P254			s Estimate		ORP Engg &	Const		SKB & Comp	any
Item	Item Descr	iption	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 39	Porcelain tile floor (type) usi body), approved quality, co approved pattern set in sp cement concrete base, com shown on the drawings and sp	lour and shade laid in ecified mortar including plete in all respect as	730	Sq.ft.	367	267,910	280	204,400	-24%	150	109,500	-59%
01- 02 C 40	Porcelain tile in Dado using ti colour and shade laid in apprough plaster base complete on drawings and specifications	proved pattern including in all respect as shown	3,340	Sq.ft.	383	1,279,220	260	868,400	-32%	160	534,400	-58%
01- 02 C 41	MARBLE WORKS Ref. Spec. No. C07 & C08 Pre-polished marble on entrar floor etc using approved quali approved pattern set in 1.2 c including bullnosing/ chamferi all respect as shown on the dr.	ty, colour & shade laid in ement sand mortar base ng of edges complete in										
	a) Entrance Steps & Platform b) Entrance Steps Risers (1/2)		320 70	Sq.ft. Sq.ft.	304 164	97,280 11,480	485 229	155,200 16,030	60% 40%	835 365	267,200 25,550	175% 123%
01- 02 C 42	Pre-polished marble on stair: 3/4" thick using marble slab of & shade laid in approved pa sand mortar base including bedges complete in all resp drawings.	approved quality, colour attern set in 1:2 cement oullnosing/ chamfering of	382	Sq.ft.	304	116,128	485	185,270	60%	900	343,800	196%
01- 02 C 43	Pre-polished marble tile rise size, colour and shade laid in specified mortar including rou and polish complete in all resp	approved pattern set in gh base plaster, grinding	102	Sq.ft.	160	16,320	229	23,358	43%	425	43,350	166%
01- 02 C 44	Pre-polished Marble skirting stair cases & steps, colour an pattern set in specified mort plaster, grinding and polish i respect as shown on the draw	d shade laid in approved ar including rough base ncluding complete in all	56	Sq.ft.	153	8,568	233	13,048	52%	400	22,400	161%
01- 02 C 45	Providing and laying Pre-po 3/4" thick of approved size, m etc, colour and quality laid in specified mortar including c base complete in all resp drawings.	aking of edges of marble approved pattern set in ement concrete screed	40	Sq.ft.	253	10,120	406	16,240	60%	400	16,000	58%
01- 02 C 46	PAINTING Ref.Spec. No. C10 Providing and applying thr distemper paint to C.C. Plas quality and shade including ru coat, etc. at any height and le including complete in all res drawings.	ster ceiling of approved abbing, filling, and primer evel with scaffolding etc.	6,900		24	165,600	26	179,400	8%	45	310,500	88%
01- 02 C 47	Providing and applying three emultion paint finish to inter approved quality and shade and primer coat, etc. at an scaffolding etc. including coil shown on the drawings.	rnal walls with paint of including rubbing, filling, y height and level with	16,560	Sq.ft.	37	612,720	40	662,400	8%	45	745,200	22%
01- 02 C 48	Providing and applying three of resistant paint of approved applied upto desired finish surfaces including surface pland level with scaffolding etc.	quality, colour & shade to specified exterior reparation at any height including complete in all						40.000	220		42.000	33%
		including complete in all	325	Sq.ft.	30	9,750	40	13,000	33%	40	13,00	00

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B-BUILD	400	PROPERTY.			s Estimate		ORP Engg &	Const		SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
H-0.00000000000000000000000000000000000	1/2" thick, 1;4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.									2.01	
	ALUMINIUM WORKS Ref. Spec. No. C 11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2"x4" section, approved manufacturer having minimum wall thickness not less than 1.6 mm with netted shutter and 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in	13,000	Sq.ft.	68	884,000	95	1,235,000	40%	50	650,000	-26%
	all respect as per drawings and specifications. STRUCTURAL STEEL	1,400	Sq.ft.	1,200	1,680,000	1,406	1,968,400	17%	2,425	3,395,000	102%
01- 02 C 59	Ref. Sec.No. C 13 Mild steel grills as per approved design including fabrication, transport, handling, installation & synthetic enamel paint over red oxide primer complete in all respect as shown on the drawings.	1,770	Kg	160	283,200	204	361,080	28%	285	504,450	78%
01- 02 C 60	Providing and fixing MS stair railing as per drawing and specifications complete in all respect.	30	Rft	450	13,500	782	23,460	74%	4,800	144,000	967%
	Providing and fixing MS pipe railing for courtyard with paintings, as per drawing and specifications complete in all respect and approved by the Engineer.	Rate Only	Rft	1,300		789		-39%	4,800		269%
01- 02 C 62	FLOOR AND WALL FINISHES Ref. Spec. No. C 07, 08 Providing and laying terrazzo tile for floor with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	6,500	Sq.ft.	173	1,124,500	203	1,319,500	17%	150	975,000	-139
	Providing and laying terrazzo tile skirting 4" high using tile of approved size, quality, colour and shade laid including rough plaster base complete in all respect as per drawing, specification and as directed by the Engineer.	70	Sq.ft.	227	15,890	203	14,210	-11%	175	12,250	-239
	Porcelain tile floor (type) using tile of size 8"x8" (full body), approved quality, colour and shade laid in approved pattern set in specified mortar including cement concrete base, complete in all respect as shown on the drawings.	500	Sq.ft.	367	183,500	349	174,500	-5%	160	80,000	-56%
	Porcelain tile in Dado using tile of size 8"x8", quality, colour and shade laid in approved pattern including rough plaster base complete in all respect.	2,230	Sq.ft.	383	854,090	268	597,640	-30%	150	334,500	-619
01- 02 C 66	MARBLE WORKS Ref.Spec. No. C 07, 08 Pre-polished marble on stairs steps and landing etc 3/4* thick using marble slab of approved quality, colour & shade laid in approved pattern set in 1:2 cement sand mortar base including bullnosing/ chamfering of edges complete in all respect as shown on the drawings.	176	Sq.ft.	304	53,504	500	88,000	64%	900	158,400	196%
	Pre-polished marble tile riser using tile of approved size, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish complete in all respect.	50	Sq.ft.	160	8,000	236	11,800	48%	425	21,250	166%
	Pre-polished marble tile for counter tops & other area 3/4" thick using of approved quality, colour & shade laid in approved pattern set in 1:2 cement sand mortar base including complete in all respect as shown on the drawings.	50	Sq.ft.	347	17,350	431	21,550	24%	950	47,500	1749

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Item	Item Descrip	tion	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 79	FINISHING WORKS For Roof floor / Secound floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the set in 1:4 cement sand mortar, s level including all anchors, walls required to be built in brick ma respect as per drawings and spe	following thicknesses straight or curve at any ties and other fixtures sonry, complete in all			1.00/	1110)	1.10.1	(10)			1130	
	a) 4-1/2" thick b) 9" thick c)13-1/2" thick		30 453 20	Cft. Cft. Cft.	328 325 311	9,840 147,225 6,220	325 316 263	9,750 143,148 5,260	-1% -3% -15%	425 420 410	12,750 190,260 8,200	30% 29% 32%
01- 02 C 80	DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided in polish/ paint matching with door fitting material (Hold fast & m patam detail as per schedule complete in all respect as show specifications.	r, complete hardware/ nortar etc) sizes and with lacquer polish	35	R.ft.	225	7,875	469	16,415	108%	135	4,725	-40%
01- 02 C 81	CEMENT PLASTER Ref.Spec. No. C 06 3/4" thick, 1:4 cement sand plast surfaces smooth trowelled at scaffoldings (wall, beams, proje structural members etc.) includir per design, dip course, edges, elevation complete in all respet drawings.	any height with all ection, parapet or any ng making grooves as chamfers and as per	2,504	Sq.ft.	63	157,752	90	225,360	43%	60	150,240	-5%
01- 02 C 82	1/2" thick, 1:4 cement sand smo- interior surfaces of ceilings al scaffoldings including making edi-	any height with all	388	Sq.ft.	51	19,788	56	21,728	10%	50	19,400	-2%
01- 02 C 83	1/2" thick, 1:4 cement sand smointerior surfaces of walls, includi of openings required for windows plaster, at any height with all sca	ng making of all types s & door etc with jams	902	Sq.ft.	68	61,336	97	87,494	43%	55	49,610	-19%
01- 02 C 84	3/4" thick, 1:4 cement sand smo interior surfaces of walls to 0 making of chamfer corner in pla and specifications.	D.H.W Tank etc with	360	Sq.ft.	50	18,000	67	24,120	34%	65	23,400	30%
01- 02 C 85	Water proofing coating treat surfaces in contact with water s coats of crystalline water proofing	hall be treated with 2	230	Sq.ft.	66	15,180	54	12,420	-18%	100	23,000	52%
01- 02 C 86	Water proofing coating treatm surfaces in contact with water s coat of crystalline water proofing	hall be treated with 1	130	Sq.ft.	55	7,150	37	4,810	-33%	100	13,000	82%
01- 02 C 87	Supply and fix water tight (Squar Manhole cover with frame of including fixing of frame and concrete and painting, complete specification and as directed by t	CME or Equivelant, embedded parts in in all respect as per	2	No.	20,415	40,830	5,940	11,880	-71%	5,000	10,000	-76%
01- 02C 88	Supply and fitting of malleat complete in all respects, as per by the Engineer. (For O.H.W tank	drawing and directed	4	No.	2,390	9,560	2,640	10,560	10%	5,000	20,000	109%
01- 02 C 89	FLOOR AND WALL FINISHES Ref. Spec. No. C 07, 08 Providing and laying terrazzo till 12"x12" including base mortar complete in all respect as per and as directed by the Engineer.	r, chemical polishing	180	Sq.ft.	173	31,140	207	37,260	20%	155	27,900	-10%
01- 02 C 90	Providing and laying terrazzo tile tile of approved size, quality, of including rough plaster base com- per drawing, specification and Engineer.	colour and shade laid applete in all respect as	16	Sq.ft.	227	3,632	356	5,696	57%	180	2,880	-21%

1110			Total S	220000	Engineer	's Estimate	M/s. AM	CORP Engg & C	Const.	M/s. WS	KB & Comp	any
11	em	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Dif
01-	03 D4	EXTERNAL DEVELOPVEMENT DEWATERING Ref. Spec. No. G03 Designing, providing and installation of comple			are s	116.8.)	IRC				THE.	
		dewatering system including boring, strainer, filt and other all materials, pumping and disposal water upto Engineer's satisfaction and to keep the construction surface dry all the time. a) Completion of installation works at site, up 100 runnung/ working position b) Dewatering	of e		434,417 10,800		330,000 6,600			250000 4000		
01- (03 D 1	CONSTRUCTION OF BOUNDARY WALL Ref.Spec. No. C02 EARTHWORKS Ref.Spec. No. Excavation in all kinds of sub-surface material timbering upto following depths including disposal surplus / rejected excavated materials to designate places.	of d									
01- (03 D 2	a) 0 ft to 5 ft Fill and backfill with selected materials includir watering and compaction to every layer as properlification.	~	Cft	12	54,000	13	58,500	8%	10	45,000	-179
		a) From suitable excavated material (from stockpi of excavated materials) b) Obtained from outside sources (material / sources)	1987.76 e	Cft.	8	15,902	13	25,841	63%	15	29,816	88%
01-	03 D3	to be approved by the Engineer) upto free haulag limit. Area Fill with selected materials from outside source.	260	Cft.	22	5,720	40	10,400	82%	25	6,500	149
		including watering and compaction to every layer a per specification for Play ground.		Cft.	22	344,058	40	625,560	82%	20	312,780	-99
01-	03 D5	TERMITE CONTROL TREATMENT Ref.Spec. No. C03 Termite control treatment to surfaces followin structures complete in all respect as prospecification: (Only plan area will be measured)	~	Sq.ft.	22	49,227	11	24,614	-50%	15	33,564	-32%
01-	03 D6	REINFORCEMENT Ref. Spec. No. C04 Hot rolled deformed steel bars conforming to AST A-615 grade 60 having tensile strength equal to a more than 60,000 psi.		ton.	142,289	782,590	114,385	629,118	-20%	125000	687,500	-12%
01-	03 D7	PLAIN AND REINFORCED CONCRETE Ref. Spec. No. C04 Blinding concrete 1250 psi using slag cemer conforming to BS-146.	nt 666	Cft.	243	161,838	199	132,534	-18%	160	106,560	-34%
01-	03 D8	Reinforced cement concrete using slag cemer conforming to BS-146, 3000 psi (28 day cylinds strength) in following complete in all respect as pol drawings and specification in: a) Footings b) Columns upto plinth c) Plinth beams	er	Cft. Cft. Cft.	321 396 385	425,967 49,500 225,033	297 472 455	394,119 59,000 265,948	-7% 19% 18%	500 500 500	663,500 62,500 292,250	56% 26% 30%
01-	03 D9	Reinforced cement concrete using OP cement 300 psi (28 day cylinder strength) in following complete all respect as per drawings and specification;	9			1110-1110-1110-11						
		a) Columns	403.90	Cft.	405	163,580	551	222,549	36%	500	201,950	23%
01- 0	3 D10	BRICK MASONRY. Ref.Spec. No. C05 Solid brick masonry wall 9" thick with using slacement conforming to BS-146 set in 1:4 cement san mortar, straight or curve below plinth beam, planter including all anchors, walls ties and other fixture required to be built in brick masonry, complete in a respect as per Drawings and Specifications.	d s s									
		a) 9" thick	389.47	Cft.	288	112,167	301	117,230	5%	410	159,683	42%

			077	Heli		s Estimate		CORP Engg & (Const.		KB & Comp	any
	Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01-	03 D22	Foothpath Walkway (Precast Paving Blocks / Tiles Ref. Sec. No. 4" thick hardcore compacted with mechanical compactor filling voids with same material of suitable					1881					
		size for floor foundation complete in all respect as per specifications and drawings.	1,303.89	Sq.ft.	21	27,382	50	65,195	138%	75	97,792	257%
01-	03 D23	Precast cement concrete paving blocks Envicrete or approved equivalent of size 8" x 4" x 2.5" laid in approved pattern including 2" thick sand cushion,	1,303.89	Sq.ft.	145	189,064	192	250,347	32%	365	475,920	152%
01-	03 D24	PCC concrete kerb Envicrete or approved equivalent including lean, hauching concrete etc complete as per drawing and specifications with earth cutting/ filling, levelling, dressing etc complete in all respect as per specifications and as directed by the Engineer.	70	Rft	460	32,200	419	29,330	-9%	437	30,590	-5%
01-	03 D24A	Plain cement concrete panel flooring including subfloor, bed preparation etc, 1/2" Groove @ 8' c/c,	70	Kit	400	32,200	413	25,500	3.70	457	50,556	
		joints etc complete as shown in the drawings.	650	Sq.ft.	65	42,250	123	79,950	89%	95	61,750	46%
01-	03 D25	EXTERNAL SEWER & MANHOLES Construction of manholes with material including, excavation, base top RCC slab, GI steps, CC benching water proof internal plaster, external bitumen coating etc inlet/out connections etc. i. 24" x 24" SIZE	5	Nos.	8,125	40,625	31,680	158,400	290%	22000	110,000	171%
		ii. 36" x 36" SIZE	2	Nos.	12,500	25,000	36,960	73,920	196%	33000	66,000	164%
01-	03 D26	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.	7	No.	28,820	201,740	6,336	44,352	-78%	7500	52,500	-74%
01-	03 D27	Septic Tank Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	747	Cft.	12	8,964	13	9,711	8%	10	7,470	-17%
01.	03 D28	b) More than 5 ft upto 10 ft. Blinding concrete 1250 psi using slag cement	387	Cft.	15	5,805	20	7,740	33%	15	5,805	0%
	03 D29	conforming to BS-146 Water proofing coating treatment to all surfaces in	50	Cft.	243	12,029	199	9,851	-18%	160	7,920	-34%
		contact with water shall be treated with 2 coats of Crystaline water proofing coating on vertical surfaces.	465	Sq.ft.	80	37,224	54	25,126	-33%	157	73,052	96%
01-	03 D30	Water proofing coating treatment to all surfaces in contact with water shall be treated with 1 coat of Crystaline water proofing coating on horizontal surface.	102	Sq.ft.	60	6,102	37	3,763	-38%	157	15,967	162%
01-	03 D31	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		a) Base Slab. b) Walls including chamfer etc. c) Top Slab	100 311 63	Cft. Cft. Cft.	280 345 350	27,972 107,123 22,050	297 472 335	29,670 146,556 21,105	6% 37% -4%	500 500 500	49,950 155,250 31,500	79% 45% 43%
01-	03 D32	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60, as mentioned in drawings and directed by the Engineer.	1.3	Ton	142,289	177,861	114,385	142,981	-20%	125000	156,250	-12%
01-	03 D32	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	0	Sq.ft.	33	*	53	*	61%	40	.	21%

	ltow.		Hom Donoslation	QTY	Unit		r's Estimate		CORP Engg &	Const.		SKB & Comp	pany
	Item		Item Description	QIY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	(Re)	Amount (Rs)	% Diff
01-	03 D47	conforming to E Cylinder streng	ent concrete using slag cement 3S-146 having 3000 Psi (28 day th) in following structures as wings and directed by the Engineer. a chamfer etc.	70 179 24 7	Cft. Cft. Cft.	280 345 350 350	19,600 61,583 8,400 2,450	297 472 335 515	20,790 84,252 8,040 3,605	6% 37% -4% 47%	515 515 515 515	36,050 91,928 12,360 3,605	84% 49% 47% 47%
01-	03 D48		ned steel bars conforming to ASTM 0.as mentioned in drawings and ngineer.	1	Ton	142,289	99,602	114,385	80,070	-20%	125000	87,500	-12%
01-	03 D49	stopper in constru	ing 10" (250 mm) wide PVC water action joints in R.C.C. work complete as per drawing and directed by the	39	Rft.	309	11,897	422	16,247	37%	1250	48,125	305%
01-	03 D50	set in 1:4 cemen any level includir fixtures required	nry wall of the following thicknesses it sand mortar, straight or curve at ig all anchors, walls ties and other to be built in brick masonry, respect as per drawings and	46	Cft.	288	13,306	301	13,906	5%	410	18,942	42%
01-	03 D51	iron Manhole covi for the (50kg wei for fixing of frame	rater tight (Square Type) Malleable er with frame of CME or Equivelant, ghts heavy duty), including the cost e in concrete and making good the in all respect as per specification y the Engineer.	2	No.	28,820	57,640	5,940	11,880	-79%	8000	16,000	-72%
01-	03 D52		ng of malleable Iron rungs, etc. spects, as per drawing and directed	8	No.	2,390	19,120	3,300	26,400	38%	1500	12,000	-37%
01-	03 D53	exterior surfaces all scaffoldings structural member as per design,	cement sand plaster to specified smooth trowelled at any height with (wall, beams, projection or any ers etc.) including making grooves dip course, edges, chamfers and spect as shown on the drawings and	63	Sq.ft.	63	3,969	85	5,355	35%	45	2,835	-29%
01-	03 D54	to interior surface	ment sand smooth trowelled plaster es of ceilings at any height with all ding making edges etc.	8	Sq.ft.	51	428	53	445	FALSE 4%	35	294	-31%
01-	03 D55	to interior surface types of openings	ment sand smooth trowelled plaster es of walls, including making of all s required for windows & door with ny height with all scaffoldings etc.	28	Sq.ft.	68	1,904	93	2,604	37%	40	1,120	-41%
01-	03 D56	smooth finished of	ment concrete floor and screeding complete in all respect as shown on edification and as per instruction of	130	Sq.ft.	50	6,475	111	14,375	122%	60	7,770	20%
01-	03 D57	approved quality, finish to specified preparation at an	coats of weather resistant paint of colour & shade applied upto desired exterior surfaces including surface by height and level with scaffolding respect as per specifications.	90	Sq.ft.	30	2,700	41	3,690	37%	40	3,600	33%
01-	03 D58	distemper paint t quality and shade coat, etc. at any t	pplying three or more coats of to C.C. Plaster ceiling of approved including rubbing, filling, and primer neight and level with scaffolding etc. te in all respect as shown on the	12	Sq.ft.	24	288	28	336	17%	45	540	88%

	Non-Boundary	077			's Estimate		CORP Engg & 0	Const.		SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
01- 03 D71	6" thick hardcore compacted with mechanical compactor filling voids with same material of suitable size for floor foundation complete in all respect as per	NEW C	22060		10-2-10			88.50	0.05		
01- 03 D72	specifications and drawings. PCC 4" thick plain cement concrete sub-floor laid	25	Sq.ft.	42	1,050	67	1,675	60%	115	2,875	1749
01- 03 D73	complete in all respect as per drawing, specification and as directed by the Engineer. Plain cement concrete 2° thick floor & screeding	25	Sq.ft.	74	1,850	77	1,925	4%	185	4,625	150%
01- 03 073	smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	25	Sq.ft.	44	1,100	54	1,350	23%	85	2,125	939
01- 03 D74	Plain cement concrete 2" thick screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	33	Sq.ft.	44	1,452	54	1,782	23%	85	2,805	93%
01- 03 D75	Three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc.complete in all respect as per specifications.	285	Sq.ft.	25	7,125	41	11,685	64%	40	11,400	60%
D1- 03 D76	Providing and applying three or more coats of distemper paint to C.C Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	25	Sq.ft.	24	600	28	700	17%	45	1,125	88%
01- 03 D77	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	150	Sq.ft.	37	5,550	41	6,150	11%	45	6,750	22%
01- 03 D78	Vapor barrier sheet, under foundations and floor as per drawings and specifications.	25	Sq.ft.	16	400	7	175	-56%	10	250	-38%
01- 03 D79	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	250	Sq.ft.	19	4,750	42	10,500	121%	25	6,250	32%
okvenici	Kanchan Arsenic filter Excavation and backfilling in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places. a) 0 ft to 5 ft	64	Cft.	12	765	13	829	8%	10	638	-17%
01- 03 D81	Fill and backfill with selected materials including watering and compaction to every layer as per specification.	04	O.C.		700	15	323	0.0	10	030	
	a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material / scorce to be approved by the Engineer) upto free haulage	43	Cft.	8	340	13	553	63%	175	7,438	2088%
en e	limit.	85	Cft.	22	1,870	40	3,400	82%	250	21,250	1036%
01- 03 D83	Blinding concrete 1250 psi using slag cement conforming to BS-146 Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day)	12	Cft.	243	2,916	199	2,388	-18%	185	2,220	-24%
	Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.	20	Cft.	200	F. 800	207	5.040	en	ere	10.000	040
	a) tooting b) Columns up bottom first slab c) Slabs & projection e) Walls including chamfer etc.	20 18 28 72	Cft. Cft. Cft.	280 345 350 335	5,600 6,210 9,800 24,120	297 472 369 472	5,940 8,496 10,332 33,984	6% 37% 5% 41%	515 515 515 515	10,300 9,270 14,420 37,080	84% 49% 47% 54%

		QTY	11-11		r's Estimate		CORP Engg & (Const.		/SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D98	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door with jams plaster, at any height with all scaffoldings etc.	349	Sq.ft.	68	23,732	93	32,457	37%	40	13,960	-41%
01- 03 D99	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings complete in all respect as shown on the drawings and specifications.	466	Sq.ft.	63	29,358	85	39,610	35%	45	20,970	-29%
01- 03 D100	Providing embeding 10" wide rubber water stopper in construction joints in R.C.C. work complete in all respects, as per drawing and directed by the Engineer.	44	Rft.	309	13,596	422	18,568	37%	1250	55,000	305%
01- 03 D101	Supply and fix water tight (Round Type, 24") Pre-cast heavey duty cover with M.S frame work, including liftring handle, making good, complete in all respect as per specification and as directed by the Engineer.	2	No.	5,600	11,200	5,280	10,560	-6%	8000	16,000	43%
01- 03 D102	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	16	No.	2,390	38,240	3,300	52,800	38%	1500	24,000	-37%
01- 03 D103	Soakage Trench Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft b) More than 5 ft upto 10 ft.	5,125	Cft.	12 15	61,500	13 20	66,625	8% 33%	10 15	51,250	-17%
01- 03 D104	Blinding concrete 1250 psi using slag cement conforming to B\$-146	151	Cft.	243	36,693	199	30,049	-18%	185	27,935	-24%
01- 03 D105	Solid brick masonry wall from 13-1/2" to 31-1/2" thicknesses set in 1:4 cement sand mortar.	520	Cft	240	124,800	290	150,800	21%	410	213,200	71%
01- 03 D106	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer. Pre-cast R.C.C Slab	250	Cft	301	75,250	594	148,500	97%	515	128,750	71%
01- 03 D107	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.57	Ton	142,289	81,105	114,385	65,199	-20%	125000	71,250	-12%
01- 03 D108	Supply and fix water tight (Round Type, 24") Pre-cast heavey duty cover with M.S frame work, including liftring handle, making good, complete in all respect as per specification and as directed by the Engineer.	6	No.	5,600	33,600	5,280	31,680	-6%	8000	48,000	43%
01- 03 D109	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	18	No	2,390	43,020	3,300	59,400	38%	1500	27,000	-37%
01- 03 D110	Supply and fill 1/2" to 2" size gravel in trench complete in all respects, as per drawing and directed by the Engineer.	150	Cft	40	6,000	85	12,750	113%	65	9,750	63%
			1	-	6,814,134		8,575,674	-	_	8,484,224	

W-101	CARREST TO A SERVICE SERVICE SERVICE			Engineer's	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s.	WSKB & Comp	oany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount	Rate (Rs.)	Amount	% Diff	Rate	Amount (Rs)	% Diff
				Trails (trail)	(Rs)	N15.11-A(4.5.1/2	(Rs)		(Rs.)	The state of the state of	100 TALL
	Wiring from switch/dimmer to first light/fan point with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm dia PVC conduit, complete with cables and conduits and all necessary accessories as per the specifications and drawings and approval by the Engineer. Wiring and conduiting of light point to point with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm. dia		Nos.	961	141,267	1,558	229,026	62%	2800	411,600	1919
	PVC conduit, complete with cables, conduits and all necessary accessories such as connectors, ceiling rose, flexible wires/conduits, sheet steel boxes etc. (wherever required) as per the specifications and drawings and approval by the Engineer.	68	Nos.	798	54,264	1,160	78,880	45%	2600	176,800	226%
e)	Circuit Wiring and conduiting from DB to power socket outlet with 2 x 4 sq.mm 1 core Cu/PVC insulated cable + CPC 4 sq.mm 1 core Cu/PVC insulated cable in 20 mm dia PVC conduit complete with cables, conduits and all necessary accessories such as sheet steel back box with earth connecting point bends, junction boxes, sockets etc., as per the specifications and drawings and approval by the Engineer.	21	Nos.	6,878	144,438	7,001	147,021	2%:	3200	67,200	-53%
0	Same as item (e) but wiring between adjacent socket										
	outlets with 2 x 2,5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC.	18	Nos.	352	6,336	388	6,984	10%	3400	61,200	866%
g)	Same as (f) but wiring from socket outlet to socket outlet with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC.		Nos.	1118	34,658	1,809	56,079	62%	2800	86,800	150%
n)	Wiring and conduiting from DB to water pump/LBS with 2 x 6 sq.mm 1 core Cu/PVC insulated cable + CPC 6 sq.mm 1 core Cu/PVC insulated cable in 25 mm dia PVC conduit complete with cables, conduits and all necessary accessories such as bends, junction boxes, sockets etc., as per the specifications and drawings and approval by the Engineer.	4	Nos.	3203	12,812	6,565	26,260	105%	5600	22,400	75%
	Sub- Total (Rs.)				560,435		758,930			1,106,800	
	PART-4: LIGHT FIXTURES, FANS, SWITCHES, OUTL	ETS &	ACCE	SSORIES							
	LIGHT FIXTURES Supply, Installation, testing and commissioning of following light fittings, ceiling /wall mounted / with hanging arrangement made of fiber / plastic body. Complete with electronic blast, lamp holders, power factor correction capacitor, internal wiring, earthing terminal, complete in all respects, as per approved manufacturer, fittings shall be duly approved by Engineer.										
a.	Fluorescent Light TMS 015 with 1x36Watt TL-D lamp color 84 w electronic ballast.	42	Nos.	2,058	86,436	2,183	91,686	6%	3000	126,000	46%
b.	Fluorescent Light TMS 015 with 1x18Watt TL-D lamp color 84 w electronic ballast.	6	Nos.	1,549	9,294	1,874	11,244	21%	2400	14,400	55%
	Fluorescent Light TCS398 with 2x36Watt TL-D lamp	22	Nos.	6,704	147,488	5,427	119,394	-19%	4800	105,600	-28%
c.	color 84 with M2 Louver & electronic ballast.		CASSA.	1,000,000		6,286	440.020	-7%	3950	276,500	-42%
c. d.	Fluorescent Light TCS398 2x36Watt TL-D lamp color	70	Nos.	6,778	474.460	0.200			0.000	N. S.	
	Fluorescent Light TCS398 2x36Watt TL-D lamp color 84 with M6 Louver & electronic ballast. Fluorescent Light TBS 318 with 1x36Watt TL-D lamp	70	Nos.	6,778	474,460		74 464	-44%	2800	44 800	-66%
e.	Fluorescent Light TCS398 2x36Watt TL-D lamp color 84 with M6 Louver & electronic ballast.	70	Nos.	6,778 8,253	474,460 132,048	4,654	74,464	-44%	2800	44,800	-66%
e. 31-04E 6 a.	Fluorescent Light TCS398 2x36Watt TL-D lamp color 84 with M6 Louver & electronic ballast. Fluorescent Light TBS 318 with 1x36Watt TL-D lamp color 84 w electronic ballast. Ceiling Fans Supply, installation and commissioning of ceiling fans of following sizes steel body, complete with capacitor, hanging rod, canopy, blades, dimmers nuts and bolts complete in all respects, fittings shall be duly approved		1000000		11000100002		74,464 78,210 211,068	-44% 7% 22%	2800 4800 4200	72,000 172,200	-66% -2% 0%

			SUL I	Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const.		WSKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
d)	Supply, installation and connections of bare copper conductor 2x50 mm sq. in 38mm dia uPVC Class-d conduit, from building rebars to earth connecting point, as per drawing or as per the instructions of the engineer, including cost of brass nuts, bolts, washers, all necessary accessories, complete in all respects.		R.ft	394	147,750	543	203,625	38%	3450	1,293,750	776%
e)	Supply, installation and connections of copper conductor 1x50 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit, from earth connecting point to distribution board, as per drawing or as per the instructions of the engineer, including cost of brass nuts, bolts, washers, all necessary accessories, complete in all respects.		R.ft	394	5,910	319	4.785	-19%	2800	42,000	611%
31-04E 12	Earth Connecting Points (ECP) Supply of earth connecting points consisting of copper plate 300mm long x 50mm wide x 6mm thick to be installed as and where shown on drawings, complete with fixing arrangement, brass nuts bolts, washers, lugs, 1/2* dia. holes to facilitate connections of Incoming copper strips / copper conductors and outgoing CPC.		Nos.	2567	5,134	26,078	52,156	916%	12000	24,000	367%
31-04E 13	ECP (in inspection Chamber) Supply of earth connecting points in Earth pit / inspection chamber consisting of copper plate 200mm long x 50mm wide x 6mm thick with necessary holes, all fixing accessories of the copper plates on the wall of main holes, brass nuts bolts, washers, including cost of all necessary materials, complete in all respects.		Nos.	2,111	4,222	26,078	52,156	1135%	9250	18,500	338%
31-04E 14	Earth pit / Inspection Chamber Construction of Earth pit/ inspection chamber 375mm x 375mm x 450mm deep with 150mm thick wall and 330mm x 330mm heavy duty R.C.C Cover, complete in all respects, as per specification.	2	Nos.	3,906	7,812	15,840	31,680	306%	10000	20,000	156%
31-04E 15	Testing Testing of the earthing system with "Earth Tester" along with other testing accessories. Testing shall be performed in the presence of the Engineer and written test result duly verified by the Engineer shall be submitted to the Client for his record.	1	Job	10,500	10,500	71,280	71,280	579%	30000	30,000	186%
	Sub- Total (Rs.)				309,656		771,547			2,003,250	
	PART-6: TELEPHONE / VOICE SYSTEM Telephone / Data Network Wiring for each telephone point from Utility box to telephone point with Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, walls, columns or above false ceiling or as required as per site conditions, complete in all respects, as per drawing and specification.		R.ft	47	10,810	43	9,890	-9%	150	34,500	219%
b)	Wiring for each data point from Utility box with Cat 6A UTP, to data point, including cost of 20mm dia. PVC conduit recessed in slabs, walls, columns or above false ceiling or as required as per site conditions, complete in all respects as per drawing and specification.	1200	R.ft	74	88,800	43	51,600	-42%	150	180,000	103%
c)	Wiring from Utility box with Four pair Cat 6A UTP, to data patch panel, including cost of 20mm dia. PVC conduit recessed in slabs, walls, columns or above false ceiling or as required as per site conditions, complete in all respects as per drawing and specification.		R.ft	74	11,100	43	6.450	-42%	450	67,500	508%

		-		Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const.		WSKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	Air terminal Supply, installation and connecting up of 1 x 16mm DIA SOUND ROUND COPPER 600mm LONG AERIAL ROD as and where shown on drawings, complete with fixing arrangement, cost of all necessary materials / accessories, complete in all respects. Copper Test Link	6	Nos.	16,538	99,228	30,858	185,148	87%	5500	33,000	-67%
	Supply at site and installation of sectionable copper test link made of 200mm x 200mm uPVC enclosure with necessary holes, all fixing accessories of the copper test link to be installed on the wall of manholes, brass nuts bolts, washers, including cost of all necessary materials, complete in all respects.	8	Nos.	2,305	18,440	28,054	224,432	1117%	5000	40,000	117%
	Sub- Total (Rs.)				653,378		1,711,580			2,089,000	
	PART -9 Public Address System										
	Amplifier Supply, installation & commissioning of following type amplifier with three outputs, three microphone inputs and one music input, complete in all respect, as per approved manufacturer list. 30W	2	Nos.	22,344	44.688	39,593	79,186	77%	20000	40,000	-10%
	Speakers Supply, installation & commissioning of 10W wall mounted speaker with all acessories complete in all respects, as per approved manufacturer list.	4	Nos.	8,789	35,156	11,979	47,916	36%	3600	14,400	-59%
31-04E 29	Microphone Cordless Microphone.	2	Nos.	63,525	127,050	56,062	112,124	-12%	3000	6,000	-95%
31-04E 30	Wiring Wiring with 2 Core, 2.5 sq.mm PVC insulated and PVC sheathed Cable from Amplifier / controller to speaker and speaker to speaker in 20mm dia PVC conduit complete in all respects upto maximum (15 Nos speaker) as shown in riser diagram.	215	R.ft.	194	41,710	74	15,910	-62%	450	96,750	132%
	Sub- Total (Rs.)				248,604		255,136			157,150	
31-04E31	PART -10 EXTERNAL AREA LIGHTING LIGHT FIXTURES Supply. Installation, testing and commissioning of following light fittings, wall mounted arrangement made of fiber / plastic body. Complete with electronic ballast, lamp holders, power factor correction capacitor, internal wiring, earthing terminal, complete in all respects, as per approved manufacturer, fittings shall be duly approved by Architect / Engineer.										
a)	Bulkhead light fixture mounted on wall with 1x18Watt PLC lamp.	10	Nos.	5,400	54,000	2,955	29,550	-45%	4000	40,000	-26%
b)	Britite or equivalent Bollard Light Fixture in die cast aluminum body powder coated suitable for walkways with 1x18WATT PLC LAMP IP-67.	5	Nos.	12,600	63,000	6,265	31,325	-50%	12000	60,000	-5%
a)	Wiring & Conduiting Circuit Wiring and conduiting from DB to first light point with 1 x 4 sq.mm 3 core CuPVC insulated cable in 20 mm. dia PVC conduit, complete with cables for external lighting, conduits and all necessary accessories such as connectors, ceiling rose, flexible wires/conduits, sheet steel boxes etc. (wherever required) as per the specifications and drawings and approval by the Engineer.	4	Nos.	6,090	24,360	4,860	19,440	-20%	5600	22,400	-8%
	Same as item (h) but wiring from light point to light										
b)	point.	11	Nos.	3,917	43,087	2,956	32,516	-25%	4000	44,000	2%

SECTION - 4 ELECTRICAL WORKS

SINDH BASIC EDUCATION PROGRAM GBPS SAHAB KHAN BHATTI TALUKA SHAHDAD KOT

				Engineer's	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s.	WSKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
a) b)	Circuit Wiring & Conduiting Circuit Wiring and conduiting from DB to switch with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm. dia PVC conduit, complete with cables, conduits and all necessary accessories such as connectors, ceiling rose, flexible wires/conduits, sheet steel boxes etc. (wherever required) as per the specifications and drawings and approval by the Engineer. Same as item (a) but wiring from switch to power outlet.	1	Nos.	4,615 1,118	4,615 1,118	2,789 1,908	2,789	-40% 71%	4200 3800	4,200 3,800	-9% 240%
c)	Wiring from switch to first light with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm dia PVC conduit, complete with cables and conduits and all necessary accessories as per the specifications and drawings and approval by the Engineer.		Nos.	961	3,844	1,558	6,232	62%	2800	11,200	191%
	Sub- Total (Rs.)				47,229		33,732			50,250	
	Total Cost for Electrical Works:				5,749,109		6,772,976			11,342,650	

					Engineer	r's Estimate	M/s. AMCO	RP Engg &	Const.	M/s. W	SKB & Cor	npany
Item		Item Description	QTY	Unit	Rate	Amount	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Di
					(Rs.)	(Rs)	Rate (Rs.)	(RS)	January 100	(RS.)	(RS)	1000
01-05P13	conforming to E fittings with solve clamping to walls through walls and	cutting, jointing and testing uPVC piping IS-4514 and BS 5255 including uPVC int cement jointing, rates include cost of and ceiling, hangers, supports, cutting in providing sleeves through concrete slabs pipe fittings of the following diameter:										
	2" dia		105	Rft.	145	15,225	245	25,725		250	26,250	
	3" dia		Rate only	Rft	180	13,223	317			350	20,200	
	4" dia		440	Rft.	235 610	103,400 67,100	472 471	207,680 51,810		450 650	198,000 71,500	
	6" dia		110	Rft.	610	67,100	- 4/1	51,610		030	- 1,500	
01-05P14	Providing and fixin Steel grating, and	g 4" dia Floor Drain with P-Trap, Stainless cover.	49	No.	1,865	91,385	1,980	97,020		1000	49,000	
01-05P15	following sizes for internal and exter	rectangular brick masonry manhole of or sewer complete with plastering from nal side, PCC 1:2:4 base slab, benching and mortar including 18" dia manhole cover										
		complete as per drawings.	5				33,000	165,000		7500	37,500	
)1-05P16		nstructing gully trap of size 6" x 6" at on drawings with cover, complete in all		No.	7,170	28,680	6,600	26,400		4500	18,000	
01-05P17	Providing and fixin	g Clean Out complete in all respects	8	No.	1,865	14,920	3,300	26,400		2000	16,000	
	Water Cooler Providing and fixi	ing drinking water cooler of capacity 60					•	•				
	connections to wa	including all accessories and making ter supply and drainage systems complete er details in specifications	4	No.	98,870	395,480	72,600	290,400		26000	104,000	
		Sub- Total (Rs.)				716,190		890,435			520,250	
01-05P19	B.S.S. with 'B' C	cutting, jointing, testing uPVC pipe line of lass working pressure pipe, in trenches, spects as per drawing or directed by the s in walls		Rft. Nos Nos	610 850 1,520	9,150 4,250 3,040	471 990 1,254	7,065 4,950 2,508		650 4000 6000	9,750 20,000 12,000	
)1-05P20	B.S.S. with 'B' C	cutting, jointing, testing uPVC pipe line of lass working pressure pipe, in trenches, spects as per drawing or directed by the	5	RfL	610	3,050	1,657	8,285		6500	32,500	
)1-05P21	Ground Water Ste Providing, laying, of	orage Tank cutting, jointing, testing and disinfecting G.I. ity) of B.S.S. 1387-1967 complete in all		tsic.	0.0	5,000				3300		
		oupler, puddle flange, specials as per d by the Engineer.		Rft. Rft. Nos	175 315 455	875 1,575 910	137 262 594	685 1,310 1,188		1000 2000 3000	5,000 10,000 6,000	
1-05P22A	U.G.W.Tank, O.H.	Storage Tank s per drawing and specifications for W.Tank complete in all respects, puddle per drawing or directed by the Engineer.	4	Nos	1,245	4,980	9,900	39,600		10000	40,000	
1-05P22B		tutting, jointing, testing and disinfecting is/ connection pie with puddle including ality) of approved as per B.S.S coads										
	complete in all resp	pects, with coupler, puddle flange, specials directed by the Engineer.			130000000	PC-111-PAC					8,000	

THE TEST				Engineer	's Estimate	M/s. AMCO	RP Engg & Cons	t. M/s. \	WSKB & Cor	npany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs) % D	ff Rate (Rs.)	Amount (Rs)	% Diff
01-05P37	Testing and developing of bore hole, complete in all respect and as directed by the Engineer.	3	Per Hr.	2,445	7,335	7,260	21,780	3600	10,800	
01-05P38	Shrouding with graded pea gravel 3/8" to 1/8" around tubewell in bore hole, complete in all respect and as directed by the Engineer.	45	Cft.	190	8,550	660	29,700	650	29,250	
01-05P39	Providing/fixing Injector valve as per B.S.S quality, complete in all respect and as directed by the Engineer.	1	Each.	280	280	11,220	11,220	2500	2,500	
01-05P40	Providing/fixing P.V.C. Cup/Cover as per B.S.S quality, complete in all respect and as directed by the Engineer.	4	No.	80	80	5,940	5,940	2000	2,000	
01-05P41	Providing/fixing Pneumatic Pump (having 4 impellers capable to carry a discharge of 400 gals/hr against 90 ft head and 3 HP Motor), complete in all respect and as directed by the Engineer.	1	Set.	63,705	63,705	59,400	59,400	92000	92,000	
	EXTERNAL PIPING					100	8		9	
						-	4		¥	
01-05P42	Plumbing Water Supply Providing, fixing, jointing and testing Polypropylene Random (PPR) PN20 pressure pipe for water supply as per DIN 8077-8078 for pipes and DIN 16962,PN25 for fittings (polyfusion welded joints) inside building including fittings and specials (sockets, tees, elbows, bends, crosses, reducers, adaptor, plugs and union etc.) supported on walls or suspended from roof slab or run in chases including pipe hangers, supports, cutting and making good the chases and holes, complete in all respects.									
	i) ½" internal dia (20 mm outer dia)	Rate only	Rft.			87	2	100	2	
	ii) ¾" internal dia (32 mm outer dia)	30	Rft.	180	5,400	171	5,130	1250	37,500	
	iii) 1" internal dia (40 mm outer dia)	150	Rft.	160	24,000	257	38,550	150	22,500	
	iv) 1¼" internal dia (50 mm outer dia)	130	Rft.	405	52,650	400	52,000	175	22,750	
	v) 1½" internal dia (63 mm outer dia)	13	Rft.	585	7,605	639	8,307	200	2,600	
	vi) 2" internal dia (75 mm outer dia) vii) 2½" internal dia (90 mm outer dia)	Rate only Rate only	Rft. Rft.			858 1,122	6	250 300		
01-05P43	Providing and installing gate/ball valves, Kitz or approved equivalent make, including jointing, fitting, painting, testing, complete in all respects to match with following PPRC pipe diameters.		8.3272				a			
	i) ¾" internal dia (32 mm outer dia)	2	No	3,190	6,380	3,705	7,410	750	1,500	
	ii) 1* internal dia (40 mm outer dia)	4	No	4,670	18,680	4,330	17,320	1000	4,000	
	iii) 1¼" internal dia (50 mm outer dia)	3	No	7,075	21,225	6,600	19,800	1200	3,600	
	iv) 1½" internal dia (63 mm outer dia)	Rate only	No	9,870	0	11,708	2.5	1500		
	v) 2" internal dia (75 mm outer dia)	Rate only	No			15,907	89	2000	*	
	vi) 2½" internal dia (90 mm outer dia)	Rate only	No			40,788	· ·	2500		
01-05P44	Plumbing Sewerage Providing, fixing , cutting, jointing and testing uPVC piping conforming to BS-4514 and BS 5255 including uPVC fittings with solvent cement jointing, rates include cost of clamping to walls and ceiling, hangers, supports, cutting through walls and providing sleeves through concrete slabs for pipelines and pipe fittings of the following diameter.					ê	2		9	
, ,	2" dia	Rate only	Rft.			245	-	250		
	3" dia	Rate only	Rft.			317	25	350		
	4" dia	32	Rft.	235	7,520	472	15,104	450	14,400	
	6" dia	430	Rft.	610	262,300	471	202,530	650	279,500	
04 05045	Providing and fixing 4" dia Floor Drain with P-Trap, Stainless	10.5	NASSA.	C5.83				1		

SINDH BASIC EDUCATION PROGRAM

CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS

Package No: SBEP-P12-QSK-III

Construction of Six (06) School in District Qambar-Shahdadkot

P12-QSK90 GBMS SANJAR BHATTI TALUKA SHAHDAD KOT COMPARATIVE STATEMENT OF BIDS

SUMMARY OF TENDERED COST

CODE	Description	Engineer's Estimate	M/s. AMCORP Engg & Const.	%age Diff	M/s. WSKB & Company	%age Diff
Α	GENERAL ITEMS	4,276,084	6,970,822	63%	4,527,740	6%
В	CIVIL WORKS	55,841,309	55,966,460	0.2%	66,321,580	19%
С	EXTERNAL WORKS	6,671,674	8,247,670	24%	8,384,973	26%
D	ELECTRICAL WORKS	5,749,109	6,772,976	18%	11,342,650	97%
E	PLUMBING WORKS	2,568,075	3,738,578	46%	2,893,075	13%
	Total Cost of School (PKR)	75,106,251	81,696,506	8.77%	93,470,018	24%

SECTION 1 GENERAL WORKS

SINDH BASIC EDUCATION PROGRAM GBMS SANJAR BHATTI TALUKA SHAHDAD KOT

BETK				Engineer	's Estimate	M/s. AMC	ORP Engg &	Const	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	SIGN BOARD / PLAQUE Ref. Spec. No. SP 100 Providing and installation of Project sign board as per drawing complete including all civil related works, foundations, earthwork concrete, protection works complete as directed by the Engineer. Providing, construction and installation of Inauguration	i	Job	45,500	45,500	99,000	99,000	118%	25,000	25,000	-45%
	Plaque as per drawing complete including all civil related works, foundations, earthwork concrete, protection works etc complete as directed by the Engineer.	1	Job	25,000	25,000	39,600	39,600	58%	25,000	25,000	0%
02- 01 G 16	Providing and maintenance of the Engineer's facilities at individual school site as per clause SP 44. All items/materials/equipment shall become contractor's property at the completion of works.	20	Month	60,000	1,200,000	125,400	2,508,000	109%	10,000	200,000	-83%
01- 01 G 17	WATER TESTING Ref.Spec. No. Sampling and testing of Water from bore of well (TDS) including submission of report as per specification.	7	Each	5,000	5,000	39,600	39,600	692%	3,000	3,000	-40%
	Sub- Total (Rs.)				3,476,084		6,170,822			3,727,740	
01- 01 G 18	PROVISIONAL SUMS Repair & renovation of existing Governmet building proposed for temporary school during the construction. (The payable amount shall be assessed as per actual rehabilitation work on selected building and as per recommendation by the Engineer on BOQ rates of similar items quoted in the bid).		P.S		500,000		500,000			500,000	
01- 01 G 19	New Utility connection or shifting & relocation of existing Electric HT lines passing through the school plan incuding all approvals from concerned department/agency and providing, installing/fixing of poles, PMT etc along with all associated civil work like concrete foundation, mounting base, arial conductors, grounding etc. complete in all respects & as directed by the Engineer		P.S		300,000		300,000			300,000	
	Sub- Total (Rs.)				800,000		800,000			800,000	
	Total Cost for General Items Pak Rs.				4,276,084		6,970,822			4,527,740	

	用金属工作的企业工作,以外外	SAN AL	100	Engineer'	s Estimate		ORP Engg &	Const.		SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	a c a uniden el conine			1,135.7	11.127						
01- 02 C 11	P.C.C UNDER FLOORING Ref.Spec. No. C07 PCC 4" thick plain cement concrete (using slag cement conforming to BS-146) sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.		Sq.ft.	83	564,400	77	523,600	-7%	53	360,400	-36%
01- 02 C 12	PLINTH PROTECTION Ref. Spec. No. C04 & C07 Blinding concrete 1250 psi using slag cement conforming to BS-146	415	Cft.	243	100,845	199	82,585	-18%	160	66,400	-34%
01- 02 C 13	PROTECTION WORKS Ref. Spec. No. C16 Vapor barrier sheet, under the floor as per drawings and specifications.	6,800	Sq.ft.	16	108,800	7	47,600	-56%	10	68,000	-38%
01- 02 C 14	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.		Sq.ft.	19	252,700	42	558,600	121%	25	332,500	32%
	SUPER-STRUCTURE WORKS Ground Floor (From Plinth level to 1st Slab) REINFORCEMENT Ref. Spec. No. C04										
01- 02 C 15	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	33	ton.	142,289	4,695,537	114,385	3,774,705	-20%	125,000	4,125,000	-12%
01- 02 C 16	Hot rolled deformed steel bars conforming to ASTM A-108 grade 40 having tensile strength equal to or more than 40,000 psi.	Rate Only	ton.			110,306			125,000		
01- 02 C 17	PLAIN AND REINFORCED CONCRETE AND FORM Ref. Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification;										
	a) Columns b) Beams & lintels c) Slab & projections d) Stair cases e) Precast window sill as per design and erecting/		Cft. Cft. Cft. Cft.	405 411 385 445	437,400 760,350 1,459,150 165,985	474 460 369 524	511,920 851,000 1,398,510 195,452	17% 12% -4% 18%	500 500 500 500	540,000 925,000 1,895,000 186,500	23% 22% 30% 12%
	fixing including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	150 84	Cft. Cft.	392 533	58,800 44,772	726 837	108,900 70,308	85% 57%	500 500	75,000 42,000	28% -6%
	First Floor (From 1st Slab to 2nd slab) REINFORCEMENT Ref.Spec. No. C04										
01- 02 C 18	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.		ton.	142,289	4,126,381	115,045	3,336,305	-19%	126,000	3,654,000	-11%
01- 02 C 19	Hot rolled deformed steel bars conforming to ASTM A-108 grade 40 having tensile strength equal to or more than 40,000 psi.	Rate Only	ton.			110,966			126,000		
11- 02 C 20	PLAIN AND REINFORCED CONCRETE AND FORM Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings										
	and specification; a) Columns b) Beams & lintels c) Slab & projections d) Stair cases e) Precast window sill as per design and erecting/	1,130 1,900 3,790 176	Cft. Cft. Cft. Cft.	408 414 388 448	461,040 786,600 1,470,520 78,848	488 474 380 540	551,440 900,600 1,440,200 95,040	20% 14% -2% 21%	500 500 500 500	565,000 950,000 1,895,000 88,000	23% 21% 29% 12%
	fixing including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases		Cft.	395 536	51,350 15,919	748 862	97,240 25,601	89% 61%	500 500	65,000 14,850	27% -7%

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Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount (Rs)	% Diff
				(Rs.)	(Rs)	(Rs.)	(Rs)		(Rs.)	(RS)	
01- 02 C 30	ALUMINIUM WORKS Ref.Spec. No. C11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2"x4 section, approved manufacturer having minimum wat thickness not less than 1.6 mm with netted shutte and 6mm plain faminated glazing of approved brand and Standard and all imported iron mongery 8 fillings, of approved quality including mastic sealant to joints between the building openings and frames complete in all respect as per drawings and specifications.		Sq.ft.	1,200	1,620,000	1,365	1,842,750	14%	2,425	3,273,750	102%
01- 02 C 31	Supply and fix in position as specified anodized aluminum doors with fixed panel both side and top of approved 2"x4" section, manufacturer having minimum wall thickness not less than 1.6 mm with 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joint between the building openings and frames, complete in all respect as per drawings and specifications.		Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
	STRUCTURAL STEEL										
01- 02 C 32	Ref. Sec.No. C13 Mild steel grills as per approved design including fabrication, transport, handling, installation a synthetic enamel paint over red oxide prime complete in all respect as shown on the drawings and specification.		Kg	160	283,200	198	350,460	24%	285	504,450	78%
01- 02 C 33	Providing and fixing railing for stairs/ramps as pe	-	1 1								
	drawing and specifications complete in all respect. a) MS railing stairs b) M.S railing at entrance	51 50	Rft Rft	300 320	15,300 16,000	759 627	38,709 31,350	153% 96%	4,800 4,800	244,800 240,000	1500% 1400%
01- 02 C 34	Providing and fixing MS pipe railing for courtyard with paintings, as per drawing and specifications complete in all respect and approved by the Engineer.		Rft	1,300	143,000	759	83,490	-42%	4,000	440,000	208%
01- 02 C 35	Providing and fixing MS folding gate (Emergency Exit) with paintings, complete in all respects as pedrawing and specifications.		No	46,000	46,000	42,755	42,755	-7%	50,000	50,000	9%
01- 02 C 35	Providing and fixing MS folding Main entrance gate with paintings, complete in all respects as per drawing and specifications.		No	60,000	120,000	67,186	134,372	12%	100,000	200,000	67%
01- 02 C 36	FLOOR AND WALL FINISHES Ref. Spec. No. C07 Providing and laying terrazzo tile for floor with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.		Sq.ft.	170	1,040,400	197	1,205,640	16%	150	918,000	-12%
01- 02 C 37	Providing and laying terrazzo tile for entrance ramp (3/4" thick) with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.		Sq.ft.	170	12,750	197	14,775	16%	175	13,125	3%
01- 02 C 38	Providing and laying terrazzo tile skirting 4" high using tile of approved size, quality, colour and shade laid including rough plaster base complete in al respect as per drawing, specification and as directed by the Engineer.		Sq.ft.	227	71,505	339	106,785	49%	160	50,400	-30%
01- 02 C 39	Porcelain tile floor (type) using tile of size 8"x8" (ful body), approved quality, colour and shade laid in approved pattern set in specified mortar including cement concrete base, complete in all respect as shown on the drawings and specifications.										
		730	Sq.ft.	367	267,910	280	204,400	-24%	150	109,500	-59%

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Item	- Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 50	Fixed 6mm plain laminated glass panel part at door panel with solid wood batten includin polish/ lacker at both sides arround the gi approved type, quality complete in all resp shown on the drawings and specifications.	g teak ass of	Sq.ft.	570	62,700	594	65,340	4%	1,000	110,000	75%
01- 02 C 51	FALSE CEILING Ref. Spec. No. 1/2" thick gypsum board ceiling including fitting, accessories, wire and suspension complete in all respect as shown on the dr and specifications.	system	Sq.ft.	96	70,080	231	168,630	141%	115	83,950	20%
01- 02 C 52	Pre cast C.C Patren jali Ref.Spec. No. C.C Patren jali as per approved designe specification	d and	Sq.ft.	127	76,200	101	60,600	-20%	335	201,000	164%
D1- 02 C 53	BRICK FACING Ref. Spec. No. C05 Providing and laying Brick facing including arrangements / accessories, anchorages, angletc at any height and level using selected brich cement sand mortar 1:4 in walls as per design / pattern shown on the drawings of ap shapes and uniform colour complete in all reas per drawings, specifications and as direct the Engineer.	e irons cks set r size, proved espect,	Sq.ft.	229	1,145,000	313	1,565,000	37%	400	2,000,000	75%
01- 02 C 54	FINISHING WORKS For First floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the following thicks set in 1:4 cement sand mortar, straight or coordinate of the following all anchors, walls ties and fixtures required to be built in brick materials by the fixtures required to be built in brick materials and fixtures required to be built in brick materials and fixed properties as per drawing specifications. a) 4-1/2* thick c) 13-1/2* thick	urve at i other asonry.	Cft. Cft. Cft.	317 307 305	282,130 1,194,230 10,675	319 310 258	283,910 1,205,900 9,030	1% 1% -15%	415 410 400	369,350 1,594,900 14,000	31% 34% 31%
01- 02 C 55	DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided inner & outer side polish/ paint matching with door, complete har fitting material (Hold fast & mortar etc) size patam detail as per schedule with lacquer complete in all respect as shown on the drand specifications.	dware/ es and polish	R.ft.	225	88,875	460	181,700	104%	130	51,350	-42%
01- 02 C 56	CEMENT PLASTER Ref.Spec. No. C 06 3/4" thick, 1:4 cement sand plaster to spexterior surfaces smooth trowelled at any heig all scaffoldings (wall, beams, projection of structural members etc.) including making g as per design, dip course, edges, chamfers in complete in all respect as shown on the drawin	ht with or any rooves cluding gs.			44.005		45.400	400		0.635	
01- 02 C 57	1/2" thick, 1:4 cement sand smooth trowelled to interior surfaces of ceilings at any height scaffoldings including making edges etc.		Sq.ft.	63 51	11,025	88 55	15,400 533,720	40%	55	9,625 436,680	-13%
01- 02 C 57	1/2" thick, 1:4 cement sand smooth trowelled to interior surfaces of walls, including making types of openings required for windows & dc with jams plaster, at any height with all scaff.	plaster of all or etc oldings		3500		50.6					
	etc.	13,000	Sq.ft.	68	884,000	95	1,235,000	40%	50	650,000	-26%

		THE PERSON		Engineer	's Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 70	Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings.	52	Sq.ft.	253	13,156	418	21,736	65%	415	21,580	64%
01- 02 C 71	PAINTING Ref.Spec. No. C 10 Providing and applying three or more coats of distemper paint to C.C Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.	9,704	Sq.ft.	24	232,896	27	262,008	13%	45	436,680	88%
01- 02 C 72	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.	13,000	Sq.ft.	37	481,000	41	533,000	11%	45	585,000	22%
01- 02 C 73	WOODEN DOORS Ref.Spec. No. C 09, 12 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2* thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per schedule and finish with lacker polish complete in all respect as shown on the drawings and specifications.										
	didwings and specifications.	560	Sq.ft.	966	540,960	1,478	827,680	53%	1,000	560,000	4%
01- 02 C 74	Fixed 6mm plain laminated glass panel part at above door panel with solid wood batten including teak polish/ lacker at both sides arround the glass of approved type, quality complete in all respect as shown on the drawings and specifications.	124	Sq.ft.	570	70,680	612	75,888	7%	1,200	148,800	111%
01- 02 C 75	FALSE CEILING Ref.Spec. No. 12mm thick gypsum board ceiling including all G.I fitting, accessories, wire and suspension system complete in all respect as shown on the drawings and specifications.	500	Sq.ft.	96	48,000	238	119,000	148%	115	57,500	20%
01- 02 C 76	Pre cast C.C Patren jali and Railing Ref.Spec. No. C.C. Patren jali as per approved designed and specification	680	Sq.ft.	127	86,360	104	70,720	-18%	335	227,800	164%
01- 02 C 77	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design / pattern shown on the drawings of approved				200		300000000000000000000000000000000000000				
	shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer. WATER PROOFING AND BUILTUP ROOFING	3,900	Sq.ft.	232	904,800	322	1,255,800	39%	400	1,560,000	72%
	Ref.Spec. No.C 16 Water proofing and built up roofing over roof slab comprising all the layers and coatings etc as shown in the drawings and specifications.	7,500	Sq.ft.	349	2,617,500	255	1,912,500	-27%	157	1,177,500	-55%

		90.0	1000		Engineer	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
Item	Item Description		QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 90	Providing and laying terrazzo tile skirti using tile of approved size, quality, colour laid including rough plaster base com respect as per drawing, specification and by the Engineer.	and shade plete in all	16	Sq.ft.	227	3,632	356	5,696	57%	180	2,880	-21%
01- 02 C 91	MARBLE WORKS Ref. Spec. No. C 07, 08 Providing and laying Pre-polished marbl 3/4" thick of approved size, making o marble etc, colour and quality laid in pattern set in specified mortar includi concrete screed base complete in all shown on the drawings.	f edges of approved ng cement	6	Sq.ft.	253	1,518	427	2,562	69%	900	5,400	256%
01- 02 C 92	PAINTING Ref.Spec. No. C 10 Providing and applying three or more distemper paint to C.C Plaster ceiling of quality and shade including rubbing, primer coat, etc. at any height and scaffolding etc. complete in all respect as the Engineer.	of approved filling, and level with	388	Sq.ft.	24	9,312	28	10,864	17%	15	5,820	-38%
01- 02 C 93	Providing and applying three or more co emultion paint finish to internal walls w approved quality and shade including rub and primer coat, etc. at any height and scaffolding etc. including complete in all shown on the drawings.	ith paint of bing, filling, I level with	902	Sq.ft.	37	33,374	42	37,884	14%	45	40,590	22%
01- 02 C 94	Providing and applying three or more weather resistant paint of approved quali- shade applied upto desired finish to speci- surfaces including surface preparation at and level with scaffolding etc.complete in as directed by the Engineer.	ty, colour & fied exterior any height all respect	2,504	Sq.ft.	30	75,120	41	102,664	37%	40	100,160	33%
01- 02 C 95	WOODEN DOORS Ref.Spec. No. C 09, C12 Wooden flush door leaves of the approver sizes teak ply finished shutter fixed compr thick solid core partal wood frame and i color/ lacker, beading/ Architrave, with all (Locks, door closer, door stoper, push plate etc) as per schedule and finish polish complete in all respect as sho drawings and specifications.	ising 1-1/2" nfill, polish, hardwares plate kick with lacker	49	Sq.ft.	966	47,334	1,523	74,627	58%	1,000	49,000	4%
	Pre cast C.C Patren jali and Railing				100000	. Hallacoom.	100110-100			11 - 11 - 11 - 12		
01- 02 C 96	Ref.Spec. No. C.C Patren jali as per approved des specification		100	Sq.ft.	127	12,700	107	10,700	-16%	335	33,500	164%
01- 02 C 97	Precast water spout as per approved de specification	signed and	15	No.	425	6,375	2,376	35,640	459%	600	9,000	41%
01- 02 C 98	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing inclu arrangements / accessories, anchorages, etc at any height and level using selected in cement sand mortar 1:4 in walls as design / pattern shown on the drawings of shapes and uniform colour complete in as per drawings, specifications and as the Engineer.	angle irons d bricks set s per size, of approved all respect, directed by	2,900	Sq.ft.	239	693,100	328	951,200	37%	400	1,160,000	67%
	Total Cost for CIVIL WORKS		_	ш		55,841,309		55,966,460		_	66,321,580	

	Value of		The Continue of the Continue o	Se Selection		Engineer's	Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
	Item		Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Diff
					THE P	(Rs.)	(Rs)	(Rs.)	(Rs)	% Diff	(Rs.)	(Rs)	% Dif
)1-	03 D10	above plinth bea straight or curve walls ties, and o	nry wall with pointing on both faces m set in 1:4 cement sand mortar, at any level including all anchors, ther fixtures required to be built in complete in all respect as per ecifications.	1,387	Cft.	305.00	423,005	309	428,552	1%	415	575,564	369
01-	03 D11	exterior surface project etc.) in	D6 cement sand plaster to specified is (Columns, wall, beams and cluding making grooves as per ration complete in all respect as	2,679	Sq.ft.	63.00	168,768	85	227,702	35%	55	147,337	-139
)1-	03 D12	applied to all c earth as approve		4,448	Sq.ft.	19.00	84,512	42	186,816	121%	25	111,200	329
)1-	03 D13	plaster using	04 fixing 3" thick coping including OP cement for boundary wall wn on the drawings.	548	Rft.	60.00	32,876	116	63,561	93%	130	71,232	1179
)1-	03 D14	per as per draw handling, installa red oxide primer iron mongrey / a		1	no	165,000	165,000	116,424	116,424	-29%	100,000	100,000	-39%
)1-	03 D15	per as per draw handling, installa red oxide primer iron mongrey / a	gate with approved wood planks ving/ design including fabrication, tion & synthetic enamel paint over and polish on wood works with all ccessories complete in all respect drawings. (Size: 3'x7')	31)	по	35,000	35,000	24,948	24,948	-29%	50,000	50,000	439
)1-	03 D 16		with selected materials including impaction to every layer as per	740	Cft.	8.00	5,920	40	29,600	400%	10	7,400	25%
1-	03 D17		ected materials including watering to every layer as per specification.	7,749	Cft	14.00	108,486	40	309,960	186%	25	193,725	79%
11-	03 D18		eplanting of removed trees as per d and as directed by the Engineer.	Rate only	No.	4,000.00		165,000		4025%	2,500		-38%
)1-	03 D19	mixed with earth etc. and cutting months) complete	lawn (grass) including fertilizer including spreading and watering the etc. till guarantee period (12 te in all respect as shown on the per specifications.	5,533	Sq.ft.	28.00	154,924	165	912,945	489%	60	331,980	114%
1-	03 D20	spreading, level	ed selected sweet earth including ling, dressing and watering etc. spect as per specifications and as ngineer.	5,533	Cft.	20.00	110,660	53	293,249	165%	35	193,655	75%
1-	03 D21	including excava supports and wa shown on the directed by the E a) Neem (3 to 4 to b) Babul (3 to 4 for	eet)	8 7	No.	200.00	1,600 1,400	528 264	4,224 1,848	164% 32%	1,000 1,000	8,000 7,000	400% 400%
		c) Golmohar (3 to	4 feet)	14	No.	300.00	4,200	264	3,696	-12%	1,000	14,000	233%
		 d) Champa (2 to e) Crape Jasmin 		12	No.	250.00 150.00	3,000 1,950	528 528	6,336 6,864	111% 252%	1,000	12,000 13,000	300% 567%
		f) Cement Concre		100	Rft	400.00	40,000	691	69,100	73%	500	50,000	25%

		1		Contra		VE STATEM	Estimate		ORP Engg &	Const.	M/s. W	SKB & Comp	any
	Item		tem Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Dif
						(Rs.)	(Rs)	(Rs.)	(Rs)	% Diff	(Rs.)	(Rs)	% Dir
01-	03 D33	plaster to interi making of all	cement sand smooth trowelle or surfaces of walls, includin types of openings required fo to with jams plaster, at any heigh gs etc.	9 or	Sq.ft.	45.00		93		107%	40		-119
01-	03 D34	exterior surfaces with all scaffold	ement sand plaster to specifie smooth trowelled at any height ngs complete in all respect a wings and specifications.	nt	Sq.ft.	42.00		85		102%	50	*	19%
01-	03 D35	construction joint	ing 10" wide PVC water stopper is in R.C.C. work complete in a r drawing and directed by the	dt	Rft.	309.00	14,183	422	19,370	37%	1,250	57,375	3059
01-	03 D36	Supply and fix wairon Manhole of Equivelant, for including the cost and making good	ster tight (Square Type) Malleable cover with frame of CME of the (50kg weights heavy duty at for fixing of frame in concret the same, complete in all respec- ation and as directed by the	or), e ct	No.	28,820.00	57,640	5,940	11,880	-79%	7,500	15,000	-74%
01-	03 D37		g of malleable Iron rungs, etc respects, as per drawing an ngineer.		No.	2,390.00	33,460	3,300	46,200	38%	1,500	21,000	-37%
01-	03 D38	upto following de rejected excavate	I kinds of sub-surface material oths including disposal of surplus ad materials to designated place directed by the Engineer.	712 712	Cft.	12.00 15.00	8,544 10,680	13 20	9,256 14,240	8% 33%	10 15	7,120 10,680	-17% 0%
01-	03 D39		e 1250 psi using slag cemer	784 nt 20	Cft.	17.00	13,328	199	20,384	-18%	185	19,600	-24%
01-	03 D40		asonry wall of the followin 1:4 cement sand mortar.		Cft.	250.00 250.00 250.00 250.00	4,860 128,000 36,000 18,000	211 250 301	3,980 108,032 36,000 21,672	-16% 0% 20%	390 400 410	3,700 199,680 57,600 29,520	56% 60% 64%
01-	03 D41	Reinforced ceme conforming to B Cylinder strengt	ent concrete using slag cemer S-146 having 3000 Psi (28 da h) in following structures a trawings and directed by the Situ R.C.C Slab	nt y s	Cft	325.00	23,400	594	42,768	83%	515	37,080	58%
01-	03 D42		med steel bars conforming to de 60.as mentioned in drawing the Engineer.		Ton	142,289.00	35,572	114,385	28,596	-20%	125,000	31,250	-12%
01-	03 D43	iron Manhole of Equivelant, for t including the cost and making good	ster tight (Square Type) Malleabli over with frame of CME of the (50kg weights heavy duty) it for fixing of frame in concrete the same, complete in all respec- ation and as directed by the	r l. e et	No	28,820.00	28,820	5,940	5,940	-79%	8,000	8,000	-72%
01-	03 D44	Supply and fittin complete in all	g of malleable Iron rungs, etc respects, as per drawing an	:. d	No	2,390.00	33,460	3,300	46,200	38%	1,500	21,000	-37%
01-	03 D45	Excavation in all upto following dep rejected excavate as per drawing or	Tank / Pump Room kinds of sub-surface materials this including disposal of surplus id materials to designated places directed by the Engineer.	/ S									
		a) 0 to 5 ft b) More than 5 ft	upto 10 ft.	508	Cft.	12.00 15.00	6,090 126	13 20	6,598	33%	10	5,075 126	-17% 0%

A) III		- Transaction (1997)	177800	9	Engineer's	Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
-	tem	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Dif
					(Rs.)	(Rs)	(Rs.)	(Rs)	% UIIT	(Rs.)	(Rs)	76 UII
01-	03 D59	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	40	Sq.ft.	37.00	1,480	41	1,640	11%	45	1,800	22%
01-	03 D60	MS Door including paint etc complete in all respect as shown in the drawings.	15	Sq.ft.	630.00	9,450	528	7,920	-16%	2,000	30,000	2179
01-	03 D61	Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 2 coats of crystalline water proofing coating on vertical surfaces.	404	Sq.ft.	80.00	32,312	54	21,811	-33%	100	40,390	255
01-	03 D61	Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 1 coat of crystalline water proofing coating on horizontal surfaces.	58	Sq.ft.	60.00	3,486	37	2,150	-38%	100	5,810	679
01-	03 D62	Tube Well / Penumatic Pump Construction works Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	85	Cft.	12.00	1,020	13	1,105	8%	10	850	-179
01-	02 C 63	Fill and backfill with selected materials including watering and compaction to every layer as per specification. a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material /	20	Cft.	8.00	160	13	260	63%	175	3,500	2088%
		source to be approved by the Engineer) upto free haulage limit.	40	Cft.	22.00	880	40	1,600	82%	250	10,000	1036%
01-	03 D64	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	243.00	12,150	199	9,950	-18%	185	9,250	-24%
)1-	03 D65	Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification; Pre-cast R.C.C Slab	15	Gft.	350.00	5,250	594	8,910	70%	515	7,725	47%
)1-	03 D66	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.05	Ton	142,289.00	7,114	114,385	5,719	-20%	125,000	6,250	-12%
01-	03 D67	Solid brick masonry wall with brick coping of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specification. a) 18° thick b) 13-1/2" thick	40 30	Sft Sft	250.00 250.00	10,000 7,500	211 250	8,440 7,500	-16% 0%	390 400	15,600 12,000	56% 60%
)1-	03 D68	a) 9" thick 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.	175	Sft Sq.ft.	250.00 63.00	43,750 17,955	301	52,675 24,225	20% 35%	410	71,750	-29%
)1-	03 D69	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	25	Sq.ft.	51.00	1,275	53	1,325	4%	35	875	-31%
)1-	03 D70	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	150	Sq.ft.	68.00	10,200	93	13,950	37%	40	6,000	-41%

				I	Engineer's	Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	any
	Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate	Amount	% Diff
	Source				(Rs.)	(Rs)	(Rs.)	(Rs)	7e Diff	(Rs.)	(Rs)	76 UIII
01-	03 D84	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.5	Ton	142,289.00	67,730	114,385	54,447	-20%	125,000	59,500	-12%
01-	03 D85	6° thick hardcore compacted with mechanical compactor filling voids with same material of suitable size for floor foundation complete in all respect as per specifications and drawings.	71	Sq.ft.	42.00	2,999	67	4,784	60%	115	8,211	174%
01-	03 D86	PCC 4" thick plain cement concrete sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.	71	Sq.ft.	74.00	5,284	77	5,498	4%	185	13,209	150%
01-	03 D87	2" thick, 3000 cement concrete floor & screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	71	Sq.ft.	44.00	3,142	54	3,856	23%	85	6,069	93%
01-	03 D88	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.	129	Sq.ft.	63.00	8,140	85	10,982	35%	45	5,814	-29%
01-	03 D89	1/2" thick, 1.4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	107	Sq.ft.	68.00	7,283	93	9,960	37%	40	4,284	-41%
01-	03 D90	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of crystalline water proofing coating.	107	Sq.ft.	80.00	8,568	54	5,783	-33%	100	10,710	25%
01-	03 D91	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	185	Sq.ft.	15.00	2,780	42	7,783	180%	25	4,633	67%
01-	03 D92	EXTERNAL DEVELOPMENT Holding Tank Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft b) More than 5 ft upto 10 ft.	755 540	Cft.	12.00 15.00	9,060 8,100	13 20	9,815 10,800	8% 33%	10 15	7,550 8,100	-17% 0%
01-	03 D93	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	243.00	12,150	199	9,950	-18%	185	9,250	-24%
01-	03 D94	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystaline water proofing coating.	466	Sq.ft.	80.00	37,280	54	25,164	-33%	100	46,600	25%
)1-	03 D95	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer. a) Base Slab. b) Walls including chamfer etc. c) Top Slab	107 335 89	Cft. Cft. Cft.	280.00 335.00 350.00	29,960 112,225 31,150	297 472 335	31,779 158,120 29,815	6% 41% -4%	515 515 515	55,105 172,525 45,835	84% 54% 47%
)1-	03 D96	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	1.150	Ton	142,289.00	163,632	114,385	131,543		125,000	143,750	-12%
)1-	03 D97	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	102	Sq.ft.	51.00	5,202	53	5,406	4%	40	4,080	-22%

Superior of		-			's Estimate	_	ORP Engg &	Const.	M/s. WS	KB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
26-04E 1	PART -1 Distribution Board Distribution Board Fabrication, Supply, installation, Testing and commissioning at site of following Distribution board, made of MS Sheet 16 SWG with hinged door,										
	handle, catcher, earthing bar, neutral strip, internal wiring from MCBs terminating on cable terminal blocks, 2 coats of antirust and powder coated paint of approved colour, including cost of all necessary materials complete in all respects, DBs shall be manufactured as per specification, single line diagram complete in all respect up to the satisfaction of Engineer. MDBLP-GF DBLP-GF1	1 1	No. No.	231,000 239,400	231,000 239,400	165,660 187,440	165,660 187,440	-28% -22%	98,000 64,000	98,000 64,000	-58 -73
	DBLP-GF2	1	No.	79,275	79,275	71,280	71,280	-10%	56,000	56,000	-299
	DBLP-FF1 DBLP-FF2	1	No.	130,200 182,700	130,200 182,700	106,260 176,220	106,260 176,220	-18% -4%	40,000 62,000	40,000 62,000	-69°
	MCC-WP	1	No.	240,345	240,345	179,520	179,520	-25%	48,000	48,000	-809
vii)	DB-EXT (IP 54)	1	No.	155,400	155,400	118,272	118,272	-24%	42,000	42,000	-739
	Sub- Total (Rs.)				1,258,320		1,004,652			410,000	
	PART-2: CABLES AND CONDUITS										
	L.V. Power Cables Supply at site, installation, testing and commissioning of PVC insulated non armoured copper conductor cable 600 / 1000 Volt grade manufactured by any one of the manufacturers as mentioned in approved manufacturer list in prelaid conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects. Actual length of cables to be installed shall be practically measured at site by the Contractor, duly authenticated by the employers electrical engineer before placing the order with the manufacturer.										
	4 Core Cu/PVC/PVC CABLE 4 core 10mm.sq.	500	R.ft	383	191,500	247	123,500	-36%	1,800	900,000	3709
ii.	4 core 16mm.sq. 4 core 50mm.sq.	150 100	R.ft R.ft	525 1,171	78,750 117,100	355 822	53,250 82,200	-32% -30%	2,400 5,600	360,000 560,000	357% 378%
b)	Circuit Protective Conductor (CPC)	500	20	84	42,000	67	22 500	-20%	525	262,500	5259
ii.	1core 10mm sq PVC insulated colour Green/ Yellow 1core 16mm sq PVC insulated colour Green/ Yellow	500 150	R.ft R.ft	110	16,500	102	33,500 15,300	-7%	750	112,500	5829
111.	1core 25mm sq PVC insulated colour Green/ Yellow	100	R.ft	158	15,800	145	14,500	~8%	1,325	132,500	739%
26-04E 3	P.V.C. Conduit and Accessories Supply at site of PVC conduit to be installed on slabs, walls, floor, columns or as required as per site conditions including cost of all PVC conduit accessories, steel pull wires, complete in all respects.										
a)	32mm (1.25") dia. PVC conduit to pull electric cable.	315	R.ft	100	31,500	44	13,860	-56%	100	31,500	09
	38mm (1.5") dia. PVC conduit to pull electric cable.	150	R.ft	126	18,900	63	9,450	-50%	125	18,750	-1%
0.000	50mm (2") dia. PVC conduit to pull electric cable. 75mm (3") dia. PVC conduit to pull electric cable.	85 200	R.ft R.ft	184 383	15,640 76,600	85 114	7,225 22,800	-54% -70%	150 200	12,750 40,000	-189 -489
	Sub- Total (Rs.)				604,290		375,585			2,430,500	
	PART-3 Wiring & Conduting										
	Circuit Wiring & Conduiting Circuit Wiring and conduiting from DB to switch/ Fan dimmer with 2 x 2.5 sq.mm 1 core Cu/PVC insulated cable + CPC 2.5 sq.mm 1 core Cu/PVC insulated cable in 20 mm. dia PVC conduit, complete with cables, conduits and all necessary accessories such as connectors, ceiling rose, flexible wires/conduits, sheet steel boxes etc. (wherever required) as per the specifications and drawings and approval by the Engineer.	24	Nos.	4,615	110,760	4,770	114,480	3%	4,200	100,800	-9%
74.77	ES E E E E E E E E E E E E E E E E E E			III Vesti	Text Update				1		
bil	Same as item (a) but wiring from switch to switch.	50	Nos.	1,118	55,900	2,004	100,200	79%	3,600	180,000	222%

			e de policie	6				ORP Engg &	Const.	M/s. WS	KB & Comp	any
Item	lt.	em Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 7	switches of 10 Am steel back box rec and 2 coats of antir	Immers Ilation of following type gang o rating, including 16 SWG sheet essed in wall (with earth terminal ust paint), complete in all respect, is and drawings and approval by										
#) #() (v) v)	One gang - 1 Way Two gang - 1 Way Three gang - 1 Way Four gang - 1 Way One gang - Fan Dir Two gang - Fan Dir	Switch y Switch Switch nmer	8 22 10 2 7 25	Nos. Nos. Nos. Nos. Nos.	415 551 693 830 1,591 2,940	3,320 12,122 6,930 1,660 11,137 73,500	274 370 471 572 1,078 2,059	2,192 8,140 4,710 1,144 7,546 51,475	-34% -33% -32% -31% -32% -30%	450 550 650 750 1,200 1,800	3,600 12,100 6,500 1,500 8,400 45,000	8% 0% -6% -10% -25% -39%
i) ii)	following type sock steel back box of earth terminal ar complete in all res drawings, as per approval by the En 10A, 2-pin universa	Switch Socket outlet. Switch Socket outlet.	25 31 10	Nos. Nos. Nos.	704 809 1,244	17,600 25,079 12,440	476 500 870	11,900 15,500 8,700	-32% -38% -30%	550 750 1,200	13,750 23,250 12,000	-22% -7% -4%
(v)		Switch Socket outlet.	6	Nos. Nos.	977 2,000	5,862 32,000	644 5,940	3,864 95,040	-34% 197%	750 1,000	4,500 16,000	-23% -50%
	Supply, installation following size Load including all access	It, testing & commissioning of Break switch with MS back box ories complete in all respects, as and drawings and approval by the	1	Nos.	1,024	1,024	8,580	8,580	738%	3,600	3,600	252%
		Sub- Total (Rs.)		-	8	1,302,330		1,249,827			965,300	
	PART-5: EARTH	- X - X										
1-04E 10	Earth Electrode Supply at site an copper claded ear 20mm dia including	d installation of Stainless Steel th electrodes, 10 feet long and cost of all necessary materials, ects, as per specification.	9	Nos.	11,067	99,603	33,660	302,940	204%	32,000	288,000	189%
	16sqmm 1-Core C Class-d conduit di excavation, backfi copper conductor t and provision/ fixi- including all acces	and connecting up of 1 x u/PVC cable, in 38mm dia u/PVC rectly buried in ground, includes lling of earth, cad-welding of o earth electrode rod at one end ng of cable lugs at other end, sories as per the Specifications to the entire satisfaction and	10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785%
b)	conductor 1x16 m 38mm dia uPVC (ground, from Pit to as per the instruction of excavation, back	n and connections of copper m sq. 1-Core Cu/PVC cable, in class-d conduit directly buried in ECP / MCC, as per drawing or ins of the engineer, including cost filling of earth, brass nuts, bolts, sary accessories, complete in all	40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%
c)	conductor 1x16 m 38mm dia uPVC CI box and from U-Lin drawing or as per including cost of	and connections of copper m sq. 1-Core Cu/PVC cable, in ass-d conduit, from ECP to U-link k box to data patch panel, as per the instructions of the engineer. brass nuts, bolts, washers, all ries, complete in all respects.										
	necessary accesse		85	R.ft	205	17,425	197	16,745	-4%	2,200	187,000	973%

ELECTRICAL WORKS

- I amour			0.52074	4844	Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s. WS	KB & Comp	any
Item	Ite	m Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
					(Rs.)	(Rs)	(Rs.)	(Rs)			(145)	ESCHOLISS /
31-04E 17	Utility box, comple	testing and commissioning of te in all respects, as per the drawings and to the entire ngineer.	1	Nos.	15,750	15,750	6,600	6,600	-58%	6,000	6,000	-62%
a)	complete in all respi	ation of following Patch Panels acts as per the specifications and approval of the Engineer.	1	Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
	complete in all respe	atch Cords ing of telephone 2 Pair drop cord ects as per the specifications and the entire satisfaction of the	5	Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	13299
b)	complete in all responderawings and to Engineer.	ing of data CAT 6A patch cord ects as per the specifications and the entire satisfaction of the										
*)	1 meter long 3 meter long		24 24	Nos.	935 1,391	22,440 33,384	800 1,155	19,200 27,720	-14% -17%	750 1,000	18,000 24,000	-20% -28%
31-04E 20	12 port rack mounts with cable organ	f 15U Data racks for the fixing of ed 19" CAT-6A UTP Patch Panel fizer including all installation er specification complete in all	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
	sets.	on of following type of Telephone	2	Nos.	4,568	9,136	2,376	4,752	-48%	3,000	6,000	-34%
	Telephone with CLI Telephone without C		3	Nos.	3.045	9,135	1,980	5,940	-35%	5,000	15,000	64%
		Sub- Total (Rs.)				325,061		227,539			454,500	
	PART -7 Fire Alar	1097 W										
31-04E 22 a)	Fire Alarm System Supply, installation, following type Sta including all acc	testing and commissioning of ndalone fire detection devices sessories, as per approved lete with all respect.	8 4	Nos.	7,345 7,838	58,760 31,352	2,857 2,317	22,856 9,268	-61% -70%	12,000 13,500	96,000 54,000	63% 72%
		Sub- Total (Rs.)				90,112		32,124			150,000	
31-04E 23	Roof Conductor Supply at site and bare copper conductifiat surface of roo required as per sicopper saddles, copper saddles, co	installation of 50sqmm stranded ctor fixed on parapet walls or on f as shown on drawing or as te conditions, including cost of oper crossing 3"x3" as shown on ews, all necessary fixing material lete in all respects.	1150	R.ft.	299	343,850	775	891,250	159%	1,200	1,380,000	301%
	stranded bare copp- to be installed with on roof to buildi	illation, connections of 50mm.sq. er conductor as down conductors in the columns from air terminal ing rebars, all other required ing cadweld, complete in all	530	R.ft.	362	191,860	775	410,750	114%	1,200	636,000	231%
	Air terminal	and connecting up of 1 x 16mm										
31-04E 25	DIA SOUND ROU AERIAL ROD as a complete with fix	UND COPPER 600mm LONG and where shown on drawings, ing arrangement, cost of all is / accessories, complete in all										

ELECTRICAL WORKS

Uplay9		Chi Si Salan			's Estimate		ORP Engg &	Const	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
b)	Outlets						•				
5,	Supply, installation testing and commissioning of cable TV outlet along with 16 SWG back box having earth terminals and 2 coats of antirust paint, complete in all respects, as per the specifications and drawings and approval by the Engineer.	1	Nos.	4,751	4,751	525	525	-89%	6,500	6,500	37%
31-04E 34	Manholes Construction of water tight concrete handhole / cable chamber with Heavy duty RCC cover with lifting hooks and these words "ELECTRICAL CABLES" written with paint on cover. Complete in all respect as per drawing and specification. Sizes of Manhole are as under:										
1)	1'-6" x 1'-6" x 2'-6" deep	7	Nos.	14,138	98,966	12,144	85,008	-14%	5,000	35,000	-65%
	Utility / PTCL Connection Supply and co-ordination for the utility connection from WAPDA / HESCO as per required electrical load demand. The utility connection charges shall be paid separately as per actual on submission of receipt.	1	Job	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	2621%
b)	Supply and co-ordination for the telephone connection from PTCL as per required demand. The telephone connection charges shall be paid separately as per actual on submission of receipt.	1	Job	21,000	21,000	19,800	19,800	-6%	300,000	300,000	1329%
	Sub- Total (Rs.)				165,247		239,493			1,359,500	
	LIGHT FIXTURES Supply, Installation, testing and commissioning of following light fittings, ceiling /wall mounted made of fiber / plastic body. Complete with electronic blast, lamp holders, power factor correction capacitor, internal wiring, earthing terminal, complet										
a.	Fluorescent Light TCW098 with 1x36Watt TL-D lamp color 84 & electronic ballast (IP65).	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%
b.	Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%
	Switches & Fan Dimmers Supply and installation of following type gang switches of 10 Amp rating, including 16 SWG sheet steel back box recessed in wall (with earth terminal and 2 coats of antirust paint), complete in all respect, as per specifications drawings & approval Four gang - 1 Way Switch	1	Nos.	830	830	572	572	-31%	750	750	-10%
34.04E 30	SOCKETS										
	SOCKETS Supply, installation, testing & commissioning of following type socket outlet including 16 SWG sheet steel back box of top quality recessed in wall (with earth terminal and 2 coats of antirust paint), complete in all respects, as per specifications drawings & approval 13A, 3-pin Duplex Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%
a)	Fire Alarm System Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect.	1	Nos.	7,838	7,838	2,317	2,317	-70%	13,500	13,500	72%
1)	Heat detector with buzzer		1403.	1,000	7,000	2,017	2,017	1.078	10,000	10,000	7.6.70

				Enginee	's Estimate	M/s. AMC	ORP Engg &	Const.		/SKB & Con	npany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	PILUMBING WORKS (BUILDING)			(Rs.)	(KS)	(RS.)	(res)		(r.s.)	(rts)	
	PLUMBING FIXTURES Supply and Installation of plumbing fixtures & faucet complete in all respects including all accessories, suppor hangers, etc. ready to use as per specifications, drawing and instructions of Consultant.	t,									
01-05P1	European style coupled water closet with seat cover, flus tank C.P. (chrome plated) connector, thimble etc a. Type - EWC	h 5	No.	13,150	65,750	15,114	75,570.00	15%	18,500	92,500	41
01-05P2	Asian style water closet Orissa type with flush tank C.f. (chrome plated) connector, uPVC Class "E" flush pipe thimble, P-Trap, etc.		No.	11,725	93,800	5,676	45,408.00	-52%	10,000	80,000	-15
	double bib cock brass, chromium plated single bib cock brass, chromium plated	20	No.			1,320 924	26,400.00 3,696.00		2,600 1,400	52,000 5,600	
	Wash basin (WB) including C.P P- trap/Bottle Trap, sto		110.			32.1	0,000.00			0,000	
	cocks, etc. i. With half or full pedestal	11	No.	12,150	133,650	15,127	166,397.00	25%	14,000	154,000	159
01-05P5	Wash basin hot and cold water mixer, waste etc for WB	20	No.			2,640	52,800.00		2,800	56,000	
01-05P6	Toilet Hand Shower with flexible chain & telephone typ shower Including tee stop cock etc. complete in a respect.	all		2.205	40.705	1 000	25 740 00	-40%	1,000	13,000	-709
01-05P7	Type - TS Stainless steel lab. sink including stop cocks, P-trai	13	No.	3,285	42,705	1,980	25,740.00	-40%	1,000	13,000	-70
	Bottle trap, waste pipe etc complete in all respects. SK - 1, 15" x 21" single bowl and single drainer.	2	No.	19,440	38,880	14,454	28,908.00	-26%	10,500	21,000	-469
01-05P8	Sink hot and cold water mixer, etc, for following. a. For SK-1	4	No.		- 3	3,960	15,840.00	LY:	2,000	8,000	
01-05P9	S.S Grease Trap 7.5 Kg, capacity, inlet/outlet 2" D connections.	a 4	No.			3,300	13,200.00		16,500	66,000	701
01-05P10	Toilet accessories complete set, (Imported make) i. Soap dispenser	6	No.	440	2,640	660	3,960.00	50%	1,000	6,000	1279
	ii. Toilet paper holder iii. Coat Hook	13 6	No. No.	870 195	11,310 1,170	858 924	11,154.00 5,544.00	-1% 374%	600	8,450 3,600	-25% 208%
	iv. Mirror 5mm (Belgium) v. Paper Rack	120 6	Sft No.	1,100 1,890	132,000 11,340	858 1,320	7,920.00	-22% -30%	650 600	78,000 3,600	-419 -689
	Sub- Total (Rs)			533,245		585,497			647,750	
01-05P11	Plumbing Water Supply. Providing, fixing, jointing and testing Polypropyler Random (PPR) PN20 pressure pipe for water supply a per DIN 8077-8078 for pipes and DIN 16962,PN25 fiftings (polyfusion welded joints) inside building includin fittings and specials (sockets, tees, elbows, bend crosses, reducers, adaptor, plugs and union etc supported on walls or suspended from roof slab or run chases including pipe hangers, supports, cutting an making good the chases and holes, complete in a respects.	s g s.)									
	i) ½" internal dia (20 mm outer dia) ii) ¾" internal dia (32 mm outer dia) iii) 1" internal dia (40 mm outer dia) iiv) 1¼" internal dia (50 mm outer dia) v) 1½" internal dia (63 mm outer dia) vi) 2" internal dia (75 mm outer dia) vii) 2½" internal dia (90 mm outer dia)	50 350 520 135 205 Rate only Rate only	Rft. Rft. Rft. Rft. Rft. Rft.	130 180 330 405 585	6,500 63,000 171,600 54,675 119,925	87 171 257 400 639 858 1,122	4,350.00 59,850.00 133,640.00 54,000.00 130,995.00	-33% -5% -22% -1% 9%	100 125 150 175 200 250 300	5,000 43,750 78,000 23,625 41,000	-239 -319 -559 -579 -669
01-05P12	Providing and installing gate/ball valves, Kitz of approved equivalent make, including jointing, fitting painting, testing, complete in all respects to match wit following PPRC pipe diameters.).									
	i) ¾" internal dia (32 mm outer dia) ii) 1" internal dia (40 mm outer dia)	2	No No	1,630 3,190	3,260 12,760	3,706 4,330	7,412.00 17,320.00	127% 36%	750 1,000	1,500 4,000	-549 -699
	iii) 1¼" internal dia (50 mm outer dia) iv) 1½" internal dia (63 mm outer dia)	3 2	No No	4,670 7,075	14,010 14,150	6,600 11,708	19,800.00 23,416.00	41% 65%	1,200	3,600 3,000	-749 -799
	v) 2" internal dia (75 mm outer dia) vi) 2½" internal dia (90 mm outer dia)	Rate only Rate only	No No			15,906 40,788	:		2,000 2,500		
	Sub- Total (Rs)			459,880		450,783			203,475	

		2604.0	650	Alle	Engineer	's Estimate	M/s. AMC	ORP Engg &	Const	M/s. W	/SKB & Con	npany
Item		Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
			I I I I I I I I I I I I I I I I I I I		(Rs.)	(Rs)	(Rs.)	(Rs)		(PLS.)	(RS)	
	Kanchan Arsen	ic Filter										
01-05P23		gravel, including screening and washing directed by the Engineer. to 15 mm.	21	Cft	70	1,470	99	2,079.00	41%	1,500	31,500	2043%
01-05P24		g coarse sand, including screening and awing or directed by the Engineer.	42	Cft	80	3,360	86	3,612.00	8%	2,000	84,000	2400%
01-05P25		ng fine sand, including screening and awing or directed by the Engineer.	42	Sq.ft.	90	3,780	79	3,318.00	-12%	1,500	63,000	1567%
01-05P26		M.S sheet 1/4" thick, 1/8" Dia hole 2 Plate), as per drawing or directed by the		Sq.ft.	1,600	59,200	1,142	42,254.00	-29%	1,000	37,000	-38%
01-05P27	(40mm to 50mm)	Dry rammed brick ballast 1-1/2" to 2' guage, including screening and washing directed by the Engineer.		Cft.	60	540	106	954.00	77%	2,000	18,000	3233%
01-05P28		g iron nails with out coating (1" thick ing or directed by the Engineer.	125	Kg.	215	26,875	297	37,125.00	38%	100	12,500	-53%
01-05P29	9	cover over Kanchan Filter of PVC sheet drawing or directed by the Engineer.	32	Sq.ft.	865	27,680	1,135	36,320.00	31%	450	14,400	-48%
01-05P30	PPRC pipe includ	cutting, jointing, testing and disinfecting ing plastic shower heads with all fittings spects as per drawing or directed by the										
	i) ¾" internal dia (3	32 mm outer dia)	23	Rft.	180	4,140	363	8,349.00	102%	150	3,450	-17%
01-05P31	Providing and fixing	g Plastic Shower Heads	9	Nos	705	6,345	1,980	17,820.00	181%	650	5,850	-8%
01-05P32	rock, from ground sinking and withd respect and as din i) 8"i/d (200mm)	Il in all types of soil except shingle and d level to 100 ft (30m) Depth, including rawing of casing pipe, complete in al ected by the Engineer.	100	Rft.	355	35,500	1,584	158,400.00	346%	2,000	200,000	463%
01-05P33	rock, from a dept ground level,include	il in all types of soil except shingle and h of 100.1 to 200ft (30 to 60 m) below ding sinking and withdrawing of casing n all respect & as directed by the		Rft.	435	21,750	1,716	85.800.00	294%	2,000	100,000	360%
01-05P34	Providing and inst	ailling P.V.C. bail/End plug B.S.S. class re hole, complete in all respect and as gineer.		Each.	200	200	660	660.00	230%	3,500	3,500	1650%
01-05P35	Providing and inst in tubewell bore h jointing with strain directed by the En i) 1" i/d(25mm) ii) 1-1/4" i/d(30mn			Rft. Rft. Rft.	160 200	24,000 8,000	86 185 264	27,750.00 10,560.00	16% 32%	75 100 150	15,000 6,000	-38% -25%
01-05P36	tubewell bore h	alling P.V.C. strainer B.S.S Class 'D' in ole, including sockets and solvents pect & as directed by the Engineer.		Rft.	200	8,000	396	15,840.00	98%	150	6,000	-25%
01-05P36	in tubewell bore h	alling P.V.C. blind pipe B.S.S Class 'D' ole, including sockets and solvents and iner,complete in all respect and as gineer.		Rft.	460	27.600	594	35,640.00	29%	500	30,000	9%
1-05P37	Testing and deve	eloping of bore hole, complete in all ected by the Engineer.		Per Hr.	2,445	7,335	7,260	21,780.00	197%	3,600	10,800	47%
1-05P38	Shrouding with g	raded pea gravel 3/8" to 1/8" around hole, complete in all respect and as		Cft.	190	8,550	660	29,700.00	247%	650	29,250	242%

SINDH BASIC EDUCATION PROGRAM

CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS

Package No: SBEP-P12-QSK-III

Construction of Six (06) School in District Qambar-Shahdadkot

P12-QSK91 GBHS UMEED ALI JUNEJO TALUKA SHAHDADKOT COMPARATIVE STATEMENT OF BIDS SUMMARY OF TENDERED COST

CODE	Description	Engineer's Estimate	M/s. AMCORP Engg & Const.	%age Diff	M/s. WSKB & Company	%age Diff
Α	GENERAL ITEMS	4,477,265	7,374,824	65%	5,268,105	18%
В	CIVIL WORKS	63,581,418	64,970,954	2.2%	77,077,305	21%
С	EXTERNAL WORKS	7,171,399	9,807,419	37%	9,385,650	31%
D	ELECTRICAL WORKS	6,242,870	7,512,521	20%	12,429,400	99%
E	PLUMBING WORKS	3,059,966	3,988,915	30%	3,274,639	7.0%
	Total Cost of School (PKR)	84,532,918	93,654,633	10.79%	107,435,099	27%

eso la		William.	1 25	Engineer	's Estimate	M/s. AMCC	RP Engg &	Const.	M/s. WS	KB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
01- 01 G 14	SIGN BOARD / PLAQUE Ref.Spec. No. SP 100 Providing and installation of Project sign board as per drawing complete including all civil related works, foundations, earthwork concrete, protection works complete as directed by the Engineer.	1	Job	45,500	45,500	99,000	99,000	118%	25,000	25,000	-45%
01- 01 G 15	Providing, construction and installation of Inauguration Plaque as per drawing complete including all civil related works, foundations, earthwork concrete, protection works etc complete as directed by the Engineer.	1	Job	25,000	25,000	39,600	39,600	58%	25,000	25,000	0%
02- 01 G 16	Providing and maintenance of the Engineer's facilities at individual school site as per clause SP 44. All items/materials/equipment shall become contractor's property at the completion of works.	20	Month	60,000	1,200,000	125,400	2,508,000	109%	10,000	200,000	-83%
01- 01 G 17	WATER TESTING Ref.Spec. No. Sampling and testing of Water from bore of well (TDS) including submission of report as per specification.	1	Each	5,000	5,000	39,600	39,600	692%	3,000	3,000	-40%
	Sub- Total (Rs.)				3,677,265		6,574,824			4,468,105	
	PROVISIONAL SUMS Repair & renovation of existing Governmet building proposed for temporary school during the construction. (The payable amount shall be assessed as per actual rehabilitation work on selected building and as per recommendation by the Engineer on BOQ rates of similar items quoted in the bid). New Utility connection or shifting & relocation of existing		P.S		500,000		500,000			500,000	
01-01-019	Electric HT lines passing through the school plan incuding all approvals from concerned department/agency and providing, installing/fixing of poles, PMT etc along with all associated civil work like concrete foundation, mounting base, arial conductors, grounding etc. complete in all respects & as directed by the Engineer		P.S		300,000		300,000			300,000	
	Sub- Total (Rs.)				800,000		800,000			800,000	
	Total Cost for General Items Pak Rs.				4,477,265		7,374,824			5,268,105	

11.00				Engineer's	Estimate	M/s. AMC	ORP Engg & 0	Const.	M/s. WS	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
				(RS.)	(RS)	(RS.)	I IIIII PANIS		(RS.)	(ns)	
	P.C.C UNDER FLOORING Ref.Spec. No. C07										
01- 02 C 11								1 1			1
	cement conforming to BS-146) sub-floor laid			- 1							
	complete in all respect as per drawing, specification	7950	Sq.ft.	83	659,850	77	612,150	-7%	53	421,350	-36%
	and as directed by the Engineer.	7930	Sq.it.	03	039,030		012,130	-7.70	33	421,000	- JON
	PLINTH PROTECTION							1 1			
	Ref.Spec. No. C04 & C07										
01- 02 C 12	Blinding concrete 1250 psi using slag cement conforming to BS-146	495	Cft.	243	120,285	199	98,505	-18%	160	79,200	-34%
	conforming to 83-146	433	O.L.	243	120,200	100	50,000	1070	100	10,200	
	PROTECTION WORKS										
0. 00.0.40	Ref.Spec. No. C16										
01- 02 C 13	Vapor barrier sheet, under the floor as per drawings and specifications.	7950	Sq.ft.	16	127,200	7	55,650	-56%	10	79,500	-38%
	and specifications.	7,000	-4	1.0	121,200				3.5.	0.0400.00	
01- 02 C 14	Two coats of hot bitumen 10/20 of approved quality										
	applied to all concrete surfaces in contact with earth										
	as approved by the Engineer, complete in all respect as per drawings and specifications.	15500	Sq.ft.	19	294,500	42	651,000	121%	25	387,500	32%
	as per diamings and specimentaria.				75.05.57	14100	CHANNEL	0.000000	1.77		1 = 000
	SUPER-STRUCTURE WORKS										
	Ground Floor (From Plinth level to 1st Slab)										
	REINFORCEMENT Ref.Spec. No. C04										
01- 02 C 15	Hot rolled deformed steel bars conforming to ASTM										1
	A-615 grade 60 having tensile strength equal to or	0.0	.000	440.000	4 550 040	444.205	2 660 220	-20%	125 000	4 000 000	-12%
	more than 60,000 psi.	32	ton.	142,289	4,553,248	114,385	3,660,320	-20%	125,000	4,000,000	-12%
01- 02 C 16	Hot rolled deformed steel bars conforming to ASTM										1
	A-108 grade 40 having tensile strength equal to or										1
	more than 40,000 psi.	Rate only	ton.	Rate only		110,306		1 1	125,000		
	PLAIN AND REINFORCED CONCRETE AND FORM	WORKS									
	Ref.Spec. No. C04										1
01- 02 C 17	Reinforced cement concrete using OP cement 3000							1			
	psi (28 day cylinder strength) in following super structures complete in all respect as per drawings										1
	and specification;										
	a) Columns	1190	Cft.	405	481,950	474	564,060	17%	500	595,000	23%
	b) Beams & lintels	1920	Cft.	411 385	789,120	460 369	883,200 1,669,725	12% -4%	500 500	960,000 2,262,500	22% 30%
	c) Slab & projections d) Stair cases	4525 373	Cft.	445	1,742,125 165,985	524	195,452	18%	500	186,500	12%
	e) Precast window sill as per design and erecting/	2.0		25.54%	7.000.000	5574		275,07	1,577.70	A STATE OF THE STA	100700
	fixing including shuttering, all accessories or					700	115.000	0.00/	500	100.000	200
	embedded parts.	200 84	Cft.	392 533	78,400 44,772	726 837	145,200 70,308	85% 57%	500 500	100,000 42,000	28%
	f) Parapet wall for stair cases	04	Cit.	555	44,772	037	70,500	37.70	500	42,000	1
	First Floor (From 1st Slab to 2nd slab)										1
	REINFORCEMENT										1
nt. n2 C 18	Ref Spec. No. C04 Hot rolled deformed steel bars conforming to ASTM										
01-02-0-10	A-615 grade 60 having tensile strength equal to or										
	more than 60,000 psi.	33	ton.	142,289	4,695,537	115,045	3,796,485	-19%	126,000	4,158,000	-11%
01 00 6 10	Hat salled defended steel have conforming to ASTM										
01- 02 G 19	Hot rolled deformed steel bars conforming to ASTM A-108 grade 40 having tensile strength equal to or										
	more than 40,000 psi.	Rate Only	ton.	Rate only		110,966			126,000		1
	PLAIN AND REINFORCED CONCRETE AND FORM Ref. Spec. No. C04	WORKS									
01- 02 C 20	Reinforced cement concrete using OP cement 3000										
	psi (28 day cylinder strength) in following super								- 1		
	structures complete in all respect as per drawings										
	and specification; a) Columns	1265	Cft.	408	516,120	488	617,320	20%	500	632,500	23%
	b) Beams & lintels	2120	Cft.	414	877,680	474	1,004,880	14%	500	1,060,000	21%
	c) Slab & projections	4525	Cft.	388	1,755,700	380	1,719,500	-2%	500	2,262,500	29%
	d) Stair cases	176	Cft.	448	78,866	540	95,062	21%	500	88,020	12%
											1
	 e) Precast window sill as per design and erecting/ fixing including shuttering, all accessories or 							II			
	fixing including shuttering, all accessories or embedded parts.	197 30	Cft.	395 536	77,766 15,919	748 862	147,263 25,601	89% 61%	500 500	98,438 14,850	27%

		TOW TO		Engineer	s Estimate	and the second second second	ORP Engg & C	onst.		SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	ALUMINIUM WORKS			(RS.)	(Na)	(143.)			(KG)	(resy	
01- 02 C 30	Ref. Spec. No. C11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2"x4" section, approved manufacturer having minimum wall thickness not less than 1.6 mm with netted shutter and 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic seafant to joints between the building openings and frames, complete										
	in all respect as per drawings and specifications.	1715	Sq.ft.	1,200	2,058,000	1,365	2,340,975	14%	2,425	4,158,875	102%
01- 02 C 31	Supply and fix in position as specified anodized aluminum doors with fixed panel both side and top of approved 2"x4" section, manufacturer having minimum wall thickness not less than 1.6 mm with 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specifications.			- ederon 12							
		105	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
01- 02 C 32	STRUCTURAL STEEL Ref. Sec. No. C13 Mild steel grills as per approved design including fabrication, transport, handling, installation & synthetic enamel paint over red oxide primer complete in all respect as shown on the drawings and specification.										
		2110	Kg	160	337,600.00	198	417,780	24%	285	601,350	78%
01- 02 C 33	Providing and fixing railing for stairs/ramps as per drawing and specifications complete in all respect.										
	a) MS railing stairs b) M.S railing at entrance	54 50	Rft Rft	300 320	16,200.00 16,000.00	759 627	40,986 31,350	153% 96%	4,800 4,800	259,200 240,000	******
01- 02 C 34	Providing and fixing MS pipe railing for courtyard with paintings, as per drawing and specifications complete in all respect and approved by the Engineer.	110	Rft	1,300		759	83,490	-42%	4,000	440,000	208%
01- 02 C 35	Providing and fixing MS folding gate (Emergency Exit) with paintings, complete in all respects as per drawing and specifications.	1	No	46,000	46,000.00	42,755	42,755	-7%	50,000	50.000	9%
01- 02 C 35	Providing and fixing MS folding Main entrance gate with paintings, complete in all respects as per drawing and specifications.	2	No	60.000	120,000.00	67,186	134,372	12%	100,000	200,000	67%
01- 02 C 36	FLOOR AND WALL FINISHES Ref.Spec. No. C07 Providing and laying terrazzo tile for floor with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	6950	Sq.ft.	170	1,181,500	197	1,369,150	16%	150	1,042,500	-12%
01- 02 C 37	Providing and laying terrazzo tile for entrance ramp (3/4" thick) with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	75	Sq.ft.	170	12,750	197	14,775	16%	175	13,125	3%
01- 02 C 38	Providing and laying terrazzo tile skirting 4" high using tile of approved size, quality, colour and shade laid including rough plaster base complete in all respect as per drawing, specification and as directed by the Engineer.	425	Sq.ft.	227	96,475	339	144,075	49%	160	68,000	-30%
01+ 02 C 39	Porcelain tile floor (type) using tile of size 8"x8" (full body), approved quality, colour and shade laid in approved pattern set in specified mortar including cement concrete base, complete in all respect as shown on the drawings and specifications.	730	Sq.ft.	367	267,910	280	204,400	-24%	150	109,500	-59%
01- 02 C 40	Porcelain tile in Dado using tile of size 8"x8", quality, colour and shade laid in approved pattern including rough plaster base complete in all respect as shown on drawings and specifications.	3310	Sq.ft.	383	1,267,730	260	860,600	-32%	160	529,600	-58%

		To the last	T		ENT OF BII s Estimate		ORP Engg & 0	Const.	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount (Rs)		Rate	Amount	% DI
			+	(Rs.)	(Rs)	(Rs.)	7	-	(Rs.)	(Rs)	9-0-0-0
01- 02 C 51	FALSE CEILING Ref.Spec. No. 1/2* thick gypsum board ceiling including all G.I fitting, accessories, wire and suspension system complete in all respect as shown on the drawings and specifications.	730	Sq.ft.	96	70,080	231	168,630	141%	115	83,950	20%
	Pre cast C.C Patren jali Ref.Spec. No.										
01- 02 C 52	C.C Patren jali as per approved designed and specification	540	Sq.ft.	127	68,580	101	54,540	-20%	335	180,900	1649
01- 02 C 53	BRICK FACING Ref. Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1.4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	7490	Sq.ft.	229	1,715,210	313	2,344,370	37%	400	2,996,000	75%
01- 02 C 54	FINISHING WORKS For First floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and										
	specifications. a) 4-1/2" thick b) 9" thick c)13-1/2" thick	780 4965 20	Cft. Cft. Cft.	317 307 305	247,260 1,524,255 6,100	319 310 258	248,820 1,539,150 5,160	1% 1% -15%	415 410 400	323,700 2,035,650 8,000	31% 34% 31%
01- 02 C 55	DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided inner & outer side and polish/ paint matching with door, complete hardware/ fitting material (Hold fast & mortar etc) sizes and patam detail as per schedule with lacquer polish complete in all respect as shown on the drawings and specifications.	555	R.ft.	225	124,875	460	255,300	104%	130	72,150	-42%
01- 02 C 56	CEMENT PLASTER Ref. Spec. No. C 06 3/4" thick, 1.4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers including complete in all respect as shown on the drawings.	175	Sq.ft.	63	11,025	88	15,400	40%	55	9,625	-13%
01- 02 C 57	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	7535	Sq.ft.	51	384.285	55	414,425	8%	45	339,075	-12%
01- 02 C 57	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	15680	Sq.ft.	68	1,066,240	95	1,489,600	40%	50	784,000	-26%
01- 02 C 58	ALUMINIUM WORKS Ref.Spec. No. Č 11 Supply and fix in position as specified anodized aluminum openable windows and ventilators of 2"x4" section, approved manufacturer having minimum wall thickness not less than 1.6 mm with netted shutter and 6mm plain laminated glazing of approved brand and Standard and all imported iron mongery & fillings, of approved quality including mastic sealant to joints between the building openings and frames, complete in all respect as per drawings and specifications.	1765	Sq.ft.	1,200	2,118,000	1,406	2,481,590	17%	2.425	4,280,125	102%

100		128/17	T	Engineer'	s Estimate	M/s. AMC	ORP Engg & (Const.	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 71	PAINTING Ref.Spec. No. C 10 Providing and applying three or more coats of distemper paint to C.C. Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc.			1327							
	complete in all respect as directed by the Engineer.	7535	Sq.ft.	24	180,840	27	203,445	13%	45	339,075	88%
01- 02 C 72	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.	15680	Sq.ft.	37	580,160	41	642,880	11%	45	705,600	22%
01- 02 C 73	WOODEN DOORS Ref. Spec. No. C 09, 12 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per schedule and finish with lacker polish complete in all respect as shown on the drawings and specifications	720	Sq.ft.	966	695,520	1,478	1,064,160	53%	1,000	720,000	4%
01- 02 C 74	Fixed 6mm plain laminated glass panel part at above door panel with solid wood batten including teak polish/ lacker at both sides arround the glass of approved type, quality complete in all respect as shown on the drawings and specifications.	135	Sq.ft.	570	76,950	612	82,620	7%	1,200	162,000	111%
01- 02 C 75	FALSE CEILING Ref.Spec. No. 12mm thick gypsum board ceiling including all G.I fitting, accessories, wire and suspension system complete in all respect as shown on the drawings and specifications.	500	Sq.ft.	96	48,000	238	119,000	148%	115	57.500	20%
01- 02 C 76	Pre cast C.C Patren jali Ref.Spec. No. C.C Patren jali as per approved designed and specification	840	Sq.ft.	127	106,680	104	87,360	-18%	335	281,400	164%
01- 02 C 77	BRICK FACING Ref. Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1:4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	5122	Sq.ft.	232	1,188,304	322	1,649,284	39%	400	2,048,800	72%
01- 02 C 78	WATER PROOFING AND BUILTUP ROOFING Ref Spec. No.C 16 Water proofing and built up roofing over roof slab comprising all the layers and coatings etc as shown in the drawings and specifications.	8930	Sq.ft.	349	3,116,570	255	2,277,150	-27%	157	1,402,010	-55%
01- 02 C 79	FINISHING WORKS For Roof floor / Secound floor BRICK MASONRY Ref.Spec. No. C05 Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specifications, a) 4-1/2" thick b) 9" thick c)13-1/2" thick	30 485 20	Cft. Cft.	328 325 311	9,840 157,625 6,220	325 316 263	9,750 153,260 5,260	-1% -3% -15%	425 420 410	12,750 203,700 8,200	30% 29% 32%

		1000		Engineer'	s Estimate	M/s. AMC	ORP Engg & (Const.	M/s. W	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 92	PAINTING Ref.Spec. No. C 10 Providing and applying three or more coats of distemper paint to C.C Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. complete in all respect as directed by the Engineer.	388	Sq.ft.	24	9,312	28	10,864	17%	15	5,820	-38%
01- 02 C 93	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	902	Sq.ft.	37	33,374	42	37,884	14%	45	40,590	22%
01- 02 C 94	Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc.complete in all respect as directed by the Engineer.	2504	Sq.ft.	30	75,120	41	102,664	37%	40	100,160	33%
01- 02 C 95	WOODEN DOORS Ref.Spec. No. C 09, C12 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2* thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per schedule and finish with lacker polish complete in all respect as shown on the drawings and specifications.	49	Sq.ft.	966	47,334	1,523	74,627	58%	1,000	49,000	4%
01- 02 C 96	Pre cast C.C Patren jall and Railing Ref Spec. No. C.C Patren jall as per approved designed and specification	100	Sq.ft.	127	12,700	107	10,700	-16%	335	33,500	164%
01- 02 C 97	Precast water spout as per approved designed and specification	15	No.	425	6,375	2,376	35,640	459%	600	9,000	41%
01- 02 C 98	BRICK FACING Ref.Spec. No. C05 Providing and laying Brick facing including cavity arrangements / accessories, anchorages, angle irons etc at any height and level using selected bricks set in cement sand mortar 1.4 in walls as per size, design / pattern shown on the drawings of approved shapes and uniform colour complete in all respect, as per drawings, specifications and as directed by the Engineer.	2970	Sq.ft.	239	709,830	328	974,160	37%	400	1,188,000	67%
	Total Cost for CIVIL WORKS Pak Rs.				63,581,418		64,970,954			77,077,305	

Item	MACHINE DELEGISTRA		15 200	Engineer	's Estimate	M/s. AMCC	RP Engg &	Const.	M/s. WS	KB & Comp	any
	Item Description	QTY	Unit	Rate	Amount	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D11	Solid brick masonry wall with pointing on both faces above plinth beam set in 1.4 cement sand mortar,			(Rs.)	(Rs)		(RS)			(RS)	
	straight or curve at any level including all anchors, walls ties, and other fixtures required to be built in brick masonry, complete in all respect as per Drawings and specifications. a) 4-1/2" thick	1,060	Cft.	263	278,780	309	327,540	17%	415	439,900	58%
01- 03 D12	CEMENT PLASTER Ref.Spec. No. C06 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces (Columns, wall, beams and project etc.) including making grooves as per design and elevation complete in all respect as shown on the drawings.	2,046	Sq.ft.	53	108,438	85	173,910	60%	55	112,530	4%
01- 03 D13											
	applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	3,397	Sq.ft.	16	54,352	42	142,674	163%	25	84,925	56%
01- 03 D14	COPING Ref.Spec. No. C04 Providing and fixing 3" thick coping including plaster using OP cement for boundary wall complete as shown on the drawings.	419	Rft.	60	25,140	116	48,604	93%	130	54,470	117%
01- 03 D15	STRUCTURAL STEEL Ref. Sec. No. C13 Mild steel main gate with approved wood planks per as per drawing/ design including fabrication, handling, installation & synthetic enamel paint over red oxide primer and polish on wood works with all iron mongrey / accessories complete in all respect as shown in the drawings. (Size: 14'x7")	1	no	165,000	165,000	116,424	116,424	-29%	100,000	100,000	-39%
01- 03 D 16	Mild steel wicket gate with approved wood planks per as per drawing/ design including fabrication, handling, installation & synthetic enamel paint over red oxide primer and polish on wood works with all iron mongrey / accessories complete in all respect as shown in the drawings. (Size: 3'x7')	1	no	35,000	35,000	24,948	24,948	-29%	50,000	50,000	43%
01- 03 D17	LANDSCAPING Ref. Sec. No. Fill and backfill with selected materials including watering and compaction to every layer as per specification.	50	Cft.	7	350	40	2,000	471%	10	500	43%
01- 03 D18	Area Fill with selected materials including watering and compaction to every layer as per specification.	5,540	Cft.	14	77,560	40	221,600	186%	25	138,500	79%
03 D19	Relocation and replanting of removed trees as per specifications and as directed by the Engineer.	1	No.	4,000	4.000	165,000	165,000	4025%	2,500		-38%
01- 03 D20	Development of lawn (grass) including fertilizer mixed with earth including spreading and watering etc. and cutting etc. till guarantee period (12 months) complete in all respect as shown on the drawings and as per specifications.	7,039	Sq.ft.	28	197,092	165	1,161,435	489%	60	422,340	114%
03 D21	12" thick approved selected sweet earth including spreading, leveiling, dressing and watering etc. complete in all respect as per specifications and as directed by the Engineer.	7,039	Cft.	20	140,780	53	373,067	165%	35	246,365	75%
01- 03 D22	Trees/plants of the following types and size/height including excavation, backfilling, manure/ fertilizer, supports and water etc. complete in all respect as shown on the drawings, specifications and as directed by the Engineer.			200	1,600	528	4,224	164%	1,000	8,000	400%
	a) Neem (3 to 4 feet) b) Babul (3 to 4 feet) c) Golmohar (3 to 4 feet) d) Champa (2 to 3 feet) e) Crape Jasmine (2 to 3 feet) f) Cement Concrete planters.	8 7 10 8 8 220	No. No. No. No. No. Rft	200 200 300 250 150 400	1,600 1,400 3,000 2,000 1,200 88,000	528 264 264 528 528 691	4,224 1,848 2,640 4,224 4,224 152,020	164% 32% -12% 111% 252% 73%	1,000 1,000 1,000 1,000 1,000 500	7,000 10,000 8,000 8,000 110,000	400% 400% 233% 300% 567% 25%

1	Item				Engineer	's Estimate	M/s. AMC	ORP Engg &	Const.	M/s. WS	KB & Comp	any
		Item Description	QTY	Unit	Rate	Amount	Rate (Rs.)	Amount	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
234	r-strateura-			-	(Rs.)	(Rs)	TOTAL MISSING	(Rs)	DAPAPSCA (A)	in militare locati	(Rs)	THAT SEED
01-	03 D35	Providing embeding 10" wide PVC water stopper in construction joints in R.C.C. work complete in all respects, as per drawing and directed by the Engineer.	51	Rft	309	15,759	53	2,703	-83%	40	2,040	-879
01-	03 D36	1/2" thick, 1:4 cement sand smooth troweiled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	630	Sq.ft.	45	28,350	93	58,590	107%	40	25,200	-11%
11-	03 D37	3/4" thick, 1:4 cement sand plaster to specified		1887								
	00 001	exterior surfaces smooth trowelled at any height with all scaffoldings complete in all respect as shown on the drawings and specifications.	430	Sq.ft.	46	19,780	85	36,550	85%	50	21,500	9%
01-	03 D38	Providing embeding 10" wide PVC water stopper in construction joints in R.C.C. work complete in all respects, as per drawing and directed by the Engineer.	51	Rft.	309	15,759	422	21,522	37%	1,250	63,750	305%
01-	03 D39	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.										
			2	No.	28,820	57,640	5,940	11,880	-79%	7,500	15,000	-74%
01-	03 D40	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	16	No.	2,390	38,240	3,300	52,800	38%	1,500	24,000	-37%
01-	03 D41	Soakage Pit Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	890	Cft.	10	8,900	13	11,570	30%	10	8,900	0%
		b) More than 5 ft upto 10 ft. c) More than 10 ft upto 17 ft.	890 980	Cft.	13 15	11,570 14,700	20 26	17,800 25,480	54% 73%	15 25	13,350 24,500	15% 67%
01-	03 D42	Blinding concrete 1250 psi using slag cement conforming to BS-146	25	Cft.	209	5,225	199	4,975	-5%	185	4,625	-11%
01-	03 D43	Solid brick masonry wall of the following thicknesses set in 1/4 cement sand mortar.										
		a) 18" thick b) 13-1/2" thick b) 9" thick	640 180 90	Cft Cft	250 250 250	160,000 45,000 22,500	211 250 301	135,040 45,000 27,090	-16% 0% 20%	390 400 410	249,600 72,000 36,900	56% 60% 64%
01-	03 D44	Reinforced cement concrete using slag cement conforming to 8S-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		Pre-cast / Cast in Situ R.C.C Slab	90	Cft	325	29,250	594	53,460	83%	515	46,350	58%
01-	03 D45	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.25	Ton	137,120	34,280	114,385	28,596	-17%	125,000	31,250	-9%
01-	03 D46	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.	1	No	28,820	28.820	5.940	5.940	-79%	8,000	8,000	-72%
)1-	03 D47	Supply and fitting of malleable Iron rungs, etc.			20,020	20,020	5,040	0,010	2 4 70	5,555	0,000	1
		complete in all respects, as per drawing and directed by the Engineer.	16	No	2,390	38,240	3,300	52,800	38%	1,500	24,000	-37%

	Item	The rest of the second state of the	10000	The same	Engineer	's Estimate	M/s. AMCC	RP Engg &	Const.	M/s. WS	KB & Comp	any
		Item Description	QTY	Unit	Rate	Amount	Rate (Rs.)	Amount	% Diff	Rate (Rs.)	Amount	% Diff
01-	03 D61	Providing and applying three or more coats of			(Rs.)	(Rs)	(1.0.)	(Rs)		,	(Rs)	
01-	03 001	distemper paint to C.C Piaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	12	Sq.ft.	20	240	28	336	40%	45	540	125%
01-	03 D62	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	40	Sq.ft.	31	1,240	41	1,640	32%	45	1,800	45%
01-	03 D60	MS Door including paint etc complete in all respect as shown in the drawings.	15	Sq.ft.	630	9,450	528	7,920	-16%	2,000	30,000	217%
01-	02 C 63	Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 2 coats of crystalline water proofing coating on vertical surfaces.	577	Sq.ft.	80	46,160	54	31,158	-33%	100	57,700	25%
01-	03 D64	Water proofing coating treatment to all surfaces (interior/ exterior) in contact with water shall be treated with 1 coat of crystalline water proofing coating on horizontal surfaces.	83	Sq.ft.	60	4,980	37	3,071	-38%	100	8,300	67%
01-	03 D65	Tube Well / Penumatic Pump Construction works Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft	85	Cft.	10	850	13	1,105	30%	10	850	0%
01-	03 D66	Fill and backfill with selected materials including watering and compaction to every layer as per specification. a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material / source	20	Cft.	7	140	13	260	86%	175	3,500	2400%
		to be approved by the Engineer) upto free haulage limit.	40	Cft.	20	800	40	1,600	100%	250	10,000	1150%
01-	03 D67	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	209	10,450	199	9,950	-5%	185	9,250	-11%
01-	03 D68	Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following super structures complete in all respect as per drawings and specification; Pre-cast R.C.C Slab	15	Cft.	350	5,250	594	8,910	70%	515	7,725	47%
01-	03 D69	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.05	Ton	137,120	6,856	114,385	5,719	-17%	125,000	6,250	-9%
)1-	03 D70	Solid brick masonry wall with brick coping of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specification. a) 18" thick	40	Sft	250	10,000	211	8,440	-16%	390	15,600	56%
		b) 13-1/2" thick a) 9" thick	30 175	Sft	250 250	7,500 43,750	250 301	7,500 52,675	0% 20%	400 410	12,000 71,750	60% 64%
)1-	03 D71	3/4" thick, 1.4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.	285	Sq.ft.	53	15,105	85	24,225	60%	45	12,825	-15%
)1-	03 D72	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	25	Sq.ft.	43	1,075	53	1,325	23%	35	875	-19%

Ite	em	El Companyo Surrey		10000	Enginee	r's Estimate	M/s. AMC	ORP Engg &	Const.	M/s. WS	KB & Comp	any
		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
01- 0	3 D86	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.			(110-)	(10)		(No)				
		a) footing b) Columns up bottom first slab c) Slabs & projection e) Walls including chamfer etc.	25 20 35 80	Cft. Cft. Cft.	280 345 350 335	7,000 6,900 12,250 26,800	297 472 369 472	7,425 9,440 12,915 37,760	6% 37% 5% 41%	515 515 515 515	12,875 10,300 18,025 41,200	84° 49° 47° 54°
01- 0	3 D87	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	0.5	Ton	137,120	65,269	114,385	54,447	-17%	125,000	59,500	-91
01- 0	3 D88	6" thick hardcore compacted with mechanical compactor filling voids with same material of suitable size for floor foundation complete in all respect as per specifications and drawings.	84	Sq.ft.	42	3,528	67	5,628	60%	115	9,660	174
01- 0	3 D89	PCC 4" thick plain cement concrete sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.	84	Sq.ft.	74	6,216	77	6,468	4%	185	15,540	1509
01- 0	3 D90	2" thick, 3000 cement concrete floor & screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	84	Sq.ft.	44	3,696	54	4,536	23%	85	7,140	93%
01- 0	3 D91	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications. 1/2" thick, 1:4 cement sand smooth trowelled plaster	152	Sq.ft.	53	8,056	85	12,920	60%	45	6.840	-159
U 1- U	3 092	to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	126	Sq.ft.	57	7,182	93	11,718	63%	40	5,040	-30%
01- 0	3 D93	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of crystalline water proofing coating.	126	Sq.ft.	80	10,080	54	6,804	-33%	100	12,600	25%
01- 0	3 D94	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	218	Sq.ft.	15	3,270	42	9,156	180%	25	5,450	67%
01- 0	3 D95	EXTERNAL DEVELOPMENT Holding Tank Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer.		C0.	10	7,550	13	9,815	30%	10	7,550	0%
		a) 0 to 5 ft b) More than 5 ft upto 10 ft.	540	Cft.	13	7,020	20	10,800	54%	15	8,100	159
01- 0	3 D96	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	209	10,450	199	9,950	-5%	185	9,250	-119
01- 0	3 D97	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystaline water proofing coating.		Sq.ft.	80	37,280	54	25,164	-33%	100	46,600	25%
01- 0	3 D98	Reinforced cement concrete using stag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		a) Base Slab. b) Walls including chamfer etc. c) Top Slab	107 335 89	Cft. Cft. Cft.	280 335 350	29,960 112,225 31,150	297 472 335	31,779 158,120 29,815	6% 41% -4%	515 515 515	55,105 172,525 45,835	84% 54% 47%

	Websel 3	40.4	2740		Engineer's	s Estimate	M/s. AMCO	RP Engg &	Const.	M/s. WS	KB & Compa	any
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
32-04E 1	PART -1 <u>Distrib</u> Distribution Boar											
	commissioning at of MS Sheet 16 S earthing bar, not terminating on ca and powder coated of all necessary r shall be manufac diagram complete Engineer. MDBLP-GF	ipply, installation, Testing and site of following Distribution board, made SWG with hinged door, handle, catcher, itral strip, internal wiring from MCBs ble terminal blocks, 2 coats of antirust dipaint of approved colour, including cost naterials complete in all respects, DBs tured as per specification, single line in all respect up to the satisfaction of	1 1	No.	231,000 239,400	231,000 239,400	165,660 187,440	165,660 187,440	-28% -22%	98,000 64,000	98,000 64,000	-58% -73%
	DBLP-GF1 DBLP-GF2		i	No.	79,275	79,275	71,280	71,280	-10%	56,000	56,000	-29%
	DBLP-FF1		1	No.	130,200 182,700	130,200 182,700	106,260 176,220	106,260 176,220	-18% -4%	40,000 62,000	40,000 62,000	-69% -66%
	DBLP-FF2 MCC-WP		1	No.	240,345	240,345	179,520	179,520	-25%	48,000	48,000	-80%
vii)	DB-EXT (IP 54)		1	No.	155,400	155,400	118,272	118,272	-24%	42,000	42,000	-73%
	EATA CARDE PROWER	Sub- Total (Rs.)				1,258,320		1,004,652			410,000	
	PART-2: CABLE	S AND CONDUITS										
25-04E 2	PVC insulated nor 1000 Volt grade manufacturers as in prelaid conduits shown on drawi materials, connec properly crimped complete in all re- installed shall be Contractor, duly a	stallation, testing and commissioning of armoured copper conductor cable 600 / manufactured by any one of the mentioned in approved manufacturer list / trenches to be installed as per routes ngs including cost of all necessary stions, identification tags, cables lugs at both ends for the following sizes spects. Actual length of cables to be practically measured at site by the uthenticated by the employers electrical acing the order with the manufacturer.										
a)	4 Core Cu/PVC/P 4 core 10mm.sq.	VC CABLE	500	R.ft	383	191,500	247	123,500	-36%	1,800	900,000	370%
ii.	4 core 16mm.sq. 4 core 70mm.sq.		150 100	R.ft R.ft	525 1,591	78,750 159,100	355 822	53,250 82,200	-32% -48%	2,400 5,600	360,000 560,000	357% 252%
	Circuit Protective	Conductor (CPC)	222		lil mass	10,		22 500	200/	505	262,500	525%
t. Ü.	1care 16mm sq P	VC insulated colour Green/ Yellow VC insulated colour Green/ Yellow VC insulated colour Green/ Yellow	500 150 100	R.ft R.ft R.ft	84 110 236	42,000 16,500 23,600	67 102 145	33,500 15,300 14,500	-20% -7% -39%	525 750 1,325	112,500 132,500	582% 461%
25-04E 3	walls, floor, colum	PVC conduit to be installed on slabs, ns or as required as per site conditions all PVC conduit accessories, steel pull										
	32mm (1.25") dia.	PVC conduit to pull electric cable.	315	R.ft	100	31,500	44	13,860	-56%	100	31,500	0%
		VC conduit to pull electric cable. C conduit to pull electric cable.	150 85	R.ft R.ft	126 184	18,900 15,640	63 85	9,450 7,225	-50% -54%	125 150	18,750 12,750	-1% -18%
		C conduit to pull electric cable.	200	R.ft	383	76,600	114	22,800	-70%	200	40,000	-48%
		Sub- Total (Rs.)				654,090		375,585			2,430,500	
	PART-3 Wiri	ng & Conduting										
DE DAE A	Circuit Wiring &	Conduiting d conduiting from DB to switch / Fan										
	dimmer with 2 x cable + CPC 2.5 20 mm. dia PVC and all necessary rose, flexible wi	2.5 sq.mm 1 core Cu/PVC insulated sq.mm 1 core Cu/PVC insulated cable in conduit, complete with cables, conduits accessories such as connectors, ceiling res/conduits, sheet steel boxes etc. d) as per the specifications,drawings & toineer	28	Nos.	4,615	129,220	4,770	133,560	3%	4,200	117,600	-9%

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			COMP	ARATI	VE STATEM							
Item		Item Description	QTY	Unit	Engineer'	s Estimate	M/s. AMCC	RP Engg &	Const.	M/s. WS	KB & Comp	any
item		nem bescription		0	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	(Rs)	% Dif
25-04E 7	10 Amp rating, in recessed in wall (v paint), complete it	Dimmers ation of following type gang switches o cluding 16 SWG sheet steel back box with earth terminal and 2 coats of antirus n all respect, as per specifications and oval by the Engineer.	t									
ii) iii) iv) v)	One gang - 1 Way Two gang - 1 Way Three gang - 1 Way Four gang - 1 Way One gang - Fan Di Two gang - Fan Di	Switch ay Switch / Switch mmer	8 22 14 2 7 33	Nos. Nos. Nos. Nos. Nos.	415 551 693 830 1,591 2,940	3,320 12,122 9,702 1,660 11,137 97,020	274 370 471 572 1,078 2,059	2,192 8,140 6,594 1,144 7,546 67,947	-34% -33% -32% -31% -32% -30%	450 550 650 750 1,200 1,800	3,600 12,100 9,100 1,500 8,400 59,400	8' -6' -10' -25' -39'
i) ii) ii() v)	type socket outlet of top quality reccoats of antirust; specifications a manufacturer list & 10A, 2-pin univers: 13A, 3-pin Simpleo 13A, 3-pin Simpleo 15A, 3-pin simpleo Floor Box - Type E LOAD BREAK SV Supply, installation size Load Break		29 31 10 6 16	Nos. Nos. Nos. Nos.	704 809 1,244 977 2,000	20,416 25,079 12,440 5,862 32,000	476 500 870 644 5,940	13,804 15,500 8,700 3,864 95,040	-32% -38% -30% -34% 197%	550 750 1,200 750 1,000	15,950 23,250 12,000 4,500 16,000	-22 -7 -4 -23 -50
1)		approval by the Engineer.	1	Nos.	1,024	1,024	8,580	8,580	738%	3,600	3,600	252
		Sub- Total (Rs.				1,569,878		1,512,051			1,158,500	
2-04E 11	claded earth electincluding cost of respects, as per si	d installation of Stainless Steel coppe strodes, 10 feet long and 20mm dia all necessary materials, complete in al pecification.	11	Nos.	11,067	121,737	33,660	370,260	204%	32,000	352,000	1899
88	Core Cw/PVC cat directly buried in g earth, cad-welding rod at one end an end, including all a Drawings and to the Engineer.	ole, in 38mm dia uPVC Class-d condui round, includes excavation, backfilling o of copper conductor to earth electrode of provision/ fixing of cable lugs at othe ccessories as per the Specifications and he entire satisfaction and approval of the	10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785
377	1x16 mm sq. 1-C Class-d conduit di MCC, as per dra including cost of	n and connections of copper conducto core Cu/PVC cable, in 38mm dia uPVC rectly buried in ground, from Pit to ECP awing and instructions of the engineer excavation, backfilling of earth, brass rs, all necessary accessories, complete	7	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785
c)	1x16 mm sq. 1-C Class-d conduit, fi box to data patch instructions of the	n and connections of copper conducto fore Cu/PVC cable, in 38mm dia uPVC rom ECP to U-link box and from U-Link in panel, as per drawing or as per the engineer, including cost of brass nuts necessary accessories, complete in al		R.ft	205	17,425	197	16,745	-4%	2,200	187,000	973
d)	conductor 2x50 r conduit, from build per drawing or a including cost of b	on and connections of bare copper mm sq. in 38mm dia uPVC Class- ling rebars to earth connecting point, as s per the instructions of the engineer trass nuts, bolts, washers, all necessary lete in all respects.		R.ft	394	183,210	543	252,495	38%	3,450	1,604,250	776

Item		4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	100									
					Engineer's	SEPTEMBER CONTRACTOR	M/s. AMCC	ORP Engg &	Const.	M/s. WS	KB & Comp	any
12-04F 19		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
a)	complete in all re	Patch Cords acting of telephone 2 Pair drop core espects as per the specifications and e entire satisfaction of the Engineer.		Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	1329%
0	complete in all re	ecting of data CAT 6A patch core espects as per the specifications and entire satisfaction of the Engineer.		Nos.	935 1,391	22,440 33,384	800 1,155	19,200 27,720	-14% -17%	750 1,000	18,000 24,000	-20% -28%
	port rack mounted cable organizer inc	lack of 15U Data racks for the fixing of 12 of 19" CAT-6A UTP Patch Panel with luding all installation accessories as per lete in all respect to the approval of		Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
		tion of following type of Telephone sets.	2	Non	4.500	0.426	2 276	4 752	-48%	3 000	£ 000	240
	Telephone with CL Telephone without		3	Nos.	4,568 3,045	9,136 9,135	2,376 1,980	4,752 5,940	-35%	3,000 5,000	6,000 15,000	-34% 64%
		Sub- Total (Rs.)				325,061		227,539			454,500	
32-04E 22 a) ; i) ;	type Standalone	testing and commissioning of following fire detection devices including all rapproved manufacturer, complete with h buzzer		Nos. Nos.	7,345 7,838	58,760 31,352	2,857 2,317	22.856 9,268	-61% -70%	12,000 13,500	96.000 54,000	63% 72%
		Sub- Total (Rs.)				90,112		32,124			150,000	
32-04E 23	Roof Conductor Supply at site and copper conductor f of roof as shown conditions, includi- crossing 3"x3" as	installation of 50sqmm stranded bare ixed on parapet walls or on flat surface on drawing or as required as per site ng cost of copper saddles, copper shown on drawings, brass screws, all naterial / accessories, complete in all		R.ft.	299	397,670	775	1,030,750	159%	1,200	1,596,000	301%
a) \$	stranded bare copp installed within the	nstallation, connections of 50mm.sq. er conductor as down conductors to be columns from air terminal on roof to other required accessories including in all respects.	660	R.ft.	362	238,920	775	511,500	114%	1,200	792,000	231%
8	SOUND ROUND (as and where sho	and connecting up of 1 x 16mm DIA COPPER 600mm LONG AERIAL ROD wn on drawings, complete with fixing st of all necessary materials / ete in all respects.		Nos.	16,538	99,228	30,858	185,148	87%	5,500	33,000	-67%
S II C	link made of 200 necessary holes, a link to be installed	installation of sectionable copper test mm x 200mm uPVC enclosure with Il fixing accessories of the copper test on the wall of manholes, brass nuts luding cost of all necessary materials, ects.	10	Nos.	2305	23,050	28,054	280,540	1117%	5,000	50,000	117%
4												

	THE STATE OF				Engineer'	s Estimate	M/s. AMCC	RP Engg &	Const.	M/s. W	SKB & Comp	any
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
32-04E 34	chamber with Hea	water tight concrete handhole / cable vy duty RCC cover with lifting hooks and CTRICAL CABLES" written with paint on										
1)		in all respect as per drawing and s of Manhole are as under: deep	5	Nos.	14,138	70,690	12,144	60,720	-14%	5,000	25,000	-65%
	WAPDA / HESCO	dination for the utility connection from as per required electrical load demand. tion charges shall be paid separately as		Job	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	26219
b)	PTCL as per requ	ination for the telephone connection from pired demand. The telephone connection paid separately as per actual on sipit.		Job	21,000	21,000	19,800	19,800	-6%	300,000	300,000	13299
		Sub- Total (Rs.)				136,971		215,205			1,349,500	
	DART 12 SOLAR	R ROOM ELECTRIFICATION WORKS										
32-04E 36	LIGHT FIXTURES Supply, Installation light fittings, ceilin body. Complete w											
a.	Fluorescent Light 84 & electronic bal	TCW098 with 1x36Watt TL-D lamp color llast (IP65).	2	Nos.	7,166	14,332	4.075	8,150	-43%	3,200	6,400	-55%
b.		TCS398 with 2x36Watt TL-D lamp color & electronic ballast.	2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%
	10 Amp rating, in recessed in wall (v	ation of following type gang switches of icluding 16 SWG sheet steel back box with earth terminal and 2 coats of antirust in all respect, as per specifications and royal		Nos.	830	830	572	572	-31%	750	750	-10%
32-04E 38	type socket outlet of top quality rece	n, testing & commissioning of following including 16 SWG sheet steel back box essed in wall (with earth terminal and 2 paint), complete in all respects, as per dr						WAS AS				
1)	13A, 3-pin Duplex	Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%
	type Standalone	m n, testing and commissioning of following fire detection devices including all er approved manufacturer, complete with										
()	Heat detector with	buzzer	1	Nos.	7,838	7,838	2,317	2,317	-70%	13,500	13,500	729
	2.5 sq.mm 1 core sq.mm 1 core Cu/ conduit, complete accessories such wires/conduits, shi	Conduiting I conduiting from DB to switch with 2 x e CuPVC insulated cable + CPC 2.5 PVC insulated cable in 20 mm. dia PVC with cables, conduits and all necessary as connectors, ceiling rose, flexible eet steel boxes etc. (wherever required) ations and drawings and approval by the		Nos.	4,615	4,615	2,789	2,789	-40%	4,200	4,200	-9%
b)		but wiring from switch to power outlet.	1	Nos.	1,118	1,118	1,908	1,908	71%	3,800	3.800	240%
	Wiring from switch Cu/PVC insulated insulated cable in cables and condui	n to first light with 2 x 2.5 sq.mm 1 core cable + CPC 2.5 sq.mm 1 core Cu/PVC 20 mm dia PVC conduit, complete with its and all necessary accessories as per		nus.	1,110	1,110	1,500	1,300	,	3,000	5,550	_10/1
	the specifications Engineer.	and drawings and approval by the	4	Nos.	961	3,844	1,558	6,232	62%	2,800	11,200	191%
	- Service Control	Sub- Total (Rs.)				47,229		33,732			50,250	
	Т	otal Cost for Electrical Works Rs.				6,242,870		7,512,521			12,429,400	

	CONTRACTOR OF STREET	= 72 (-)	3.19	Engineer'	s Estimate		The second second second	Const.		KB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
				(Ka.)	(res)	1113.7	(res)		11.00.7	1,127	
	Plumbing Sewerage							1 1			
11-05P13	Providing, fixing, cutting, jointing and testing uPVC piping conforming to BS-4514 and BS 5255 including uPVC										1
	fittings with solvent cement jointing, rates include cost of							1 1			1
	clamping to walls and ceiling , hangers, supports, cutting							1 1			
	through walls and providing sleeves through concrete								- 1		
	slabs for pipelines and pipe fittings of the following diameter:								- 1		
	2" dia	105	Rft.	145	15,225	245	25,725	69%	250	26,250	72
	3" dia	Rate only	Rft	180	103,400	317 472	207,680	76% 101%	350 450	198,000	94
	4" dia 6" dia	440 110	Rft.	235 610	67,100	471	51,810	-23%	650	71,500	7
1 0FD14	DECEMBER OF THE PROPERTY OF TH	171026		1000							
1-05P14	Providing and fixing 4" dia Floor Drain with P-Trap, Stainless Steel grating, and cover.	49	No.	1,865	91,385	1,980	97,020	6%	1,000	49,000	-46
01-05P15	Construction of rectangular brick masonry manhole of										
	following sizes for sewer complete with plastering from internal and external side, PCC 1:2:4 base slab, benching							1 1			
	with 1:3 cement sand mortar including 18" dia manhole										
	cover and frame, rungs, complete as per drawings.	5				33,000	165,000		7,500	37,500	
1-05P16	Providing and constructing gully trap of size 6" x 6" at										
	locations shown on drawings with cover, complete in all respects.	13	No.	7,170	93,210	6,600	85.800	-8%	4,500	58.500	-37
1-05P17	Providing and fixing Clean Out complete in all respects	13	No.	1,865	24,245	3,300	42,900	77%	2,000	26,000	7
1-05-17		1.5	140.	1,003	24,240	5,500	42,000		2,000	20,000	'
1-05P18	Water Cooler Providing and fixing drinking water cooler of capacity 60										
	gallons per hour including all accessories and making							1 1			1
	connections to water supply and drainage systems complete in all respects as per details in specifications	4	No.	98,870	395,480	72,600	290,400	-27%	26,000	104,000	-74
	Sub- Total (Rs.)				790,045		966,335			570,750	
	Sub-Total (Ks.)				130,013		300,000			0.11,100	\vdash
	EXTERNAL DEVELOPMENT										1
	Septic Tank							1 1			1
11-05P19	Providing, laying, cutting, jointing, testing uPVC pipe line of B.S.S. with 'B' Class working pressure pipe, in trenches,										
	complete in all respects as per drawing or directed by the										
	Engineer.		Do	640	0.450	171	7 000	-23%	een	0.750	
	6" i/d (150 mm) 4" dia, pipe seleves in walls	15 5	Rft. Nos	610 850	9,150 4,250	471 990	7,065 4,950	16%	650 4,000	9,750	371
	6° dia, pipe seleves in walls	2	Nos	1,520	3,040	1,254	2,508	-18%	6,000	12,000	295
	Soakage Pit										
01-05P20	Providing, laying, cutting, jointing, testing uPVC pipe line of								1 1		
	B.S.S. with 'B' Class working pressure pipe, in trenches,								1 1		
	complete in all respects as per drawing or directed by the Engineer.							1 1			
	6" i/d (150 mm)	5	Rft.	610	3,050	1,657	8,285	172%	6,500	32,500	966
	Ground Water Storage Tank							1 1			
01-05P21	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe (Heavy Quality) of B.S.S. 1387-1967 complete in										
	all respects, with coupler, puddle flange, specials as per										
	drawing or directed by the Engineer.								Tartura commit		
	i) ¼" dia	5	Rft.	175	875	137	685	-22%	1,000	5,000	471
	ii) 1½" dia iii) 2" dia, pipe seleves, 9" long	5 2	Rft. Nos	315 455	1,575 910	262 594	1,310 1,188	-17% 31%	3,000	10,000 6,000	535 559
	Overhead Water Storage Tank										
1-05P22A								1 1			
	U.G.W.Tank, O.H.W.Tank complete in all respects, puddle										
	flange, specials as per drawing or directed by the Engineer.	4	Nos	1,245	4,980	9,900	39,600	695%	10,000	40,000	703
1-050220	Providing laying cutting jointing testing and disinfection			ı 1							
1-05P22B	Providing, laying, cutting, jointing, testing and disinfecting brass pipe seleaves/ connection pie with puddle including								- 1		
1-05P22B	brass pipe seleaves/ connection pie with puddle including coupler (Heavy Quality) of approved as per B.S.S coads								1		
1-05P22B	brass pipe seleaves/ connection pie with puddle including coupler (Heavy Quality) of approved as per B.S.S coads complete in all respects, with coupler, puddle flange,										
1-05P22B	brass pipe seleaves/ connection pie with puddle including coupler (Heavy Quality) of approved as per B.S.S coads		Nos	1,110	2,220	2,640	5,280	138%	4,000	8,000	260

	100	URBL. III	- Eligin	Engineer	's Estimate	M/s. AMC	ORP Engg 8	Const.	M/s. W	SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
				(RS.)	(RS)	(RS.)	(RS)		(rts.)	(ns)	
01-05P39	Providing/fixing Injector valve as per B.S.S quality complete in all respect and as directed by the Engineer.	1	Each,	280	280	11,220	11,220	3907%	2,500	2,500	793%
01-05P40	Providing/fixing P.V.C. Cup/Cover as per B.S.S quality complete in all respect and as directed by the Engineer.	1	No.	80	80	5,940	5,940	7325%	2,000	2,000	2400%
01-05P41	Providing/fixing Pneumatic Pump (having 4 impellers capable to carry a discharge of 400 gals/hr against 90 fi head and 3 HP Motor), complete in all respect and as directed by the Engineer.		Set	63,705	63,705	59,400	59,400	-7%	92,000	92,000	44%
	EXTERNAL PIPING										
01-05P42	Plumbing Water Supply Providing, fixing, jointing and testing Polypropylene Random (PPR) PN20 pressure pipe for water supply as per DIN 8077-8078 for pipes and DIN 16962,PN25 for fittings (polyfusion welded joints) inside building including fittings and specials (sockets, tees, elbows, bends, crosses reducers, adaptor, plugs and union etc.) supported on walls or suspended from roof slab or run in chases including pipe hangers, supports, cutting and making good the chases 8 holes, complete in all respects		AGO								
	i) ½" internal dia (20 mm outer dia)	Rate only	Rft.	180	5,400	87 171	5,130	-5%	100 125	3,750	-31%
	ii) ¾" internal dia (32 mm outer dia) iii) 1" internal dia (40 mm outer dia)	150	Rft.	160	24,000	257	38,550	61%	150	22,500	-6%
	iv) 11/4" internal dia (50 mm outer dia)	130	Rft.	405	52,650	400	52,000	-1%	175	22,750	-57%
	v) 1½" internal dia (63 mm outer dia)	13 Rate only	Rft.	585	7,605	639 858	8,307	9%	200 250	2,600	-66%
	vi) 2" internal dia (75 mm outer dia) vii) 2½" internal dia (90 mm outer dia)	Rate only	Rft.			1,122	6		300		
01-05P43	Providing and installing gate/ball valves, Kitz or approved equivalent make, including jointing, fitting, painting, testing, complete in all respects to match with following PPRC pipe diameters.		Prese							2 - 10 (1) (20)	
	i) ¾" internal dia (32 mm outer dia)	2	No	3,190	6,380	3,705	7,410	16% -7%	1,000	1,500 5,000	-76% -79%
	ii) 1" internal dia (40 mm outer dia) iii) 1¼" internal dia (50 mm outer dia)	5 4	No No	4,670 7,075	23,350 28,300	4,330 6,600	21,650 26,400	-7%	1,200	4,800	-83%
	iv) 1½" internal dia (63 mm outer dia)	Rate only	No	9,870	20,000	11,708	20,100	19%	1,500	VIII - VI	-85%
	v) 2" internal dia (75 mm outer dia)	Rate only	No	10/10/03/		15,907		10.45000	2,000	-	100000000
	vi) 21/3" internal dia (90 mm outer dia)	Rate only	No			40,788			2,500	+	
01-05P44	Plumbing Sewerage Providing, fixing, cutting, jointing and testing uPVC piping conforming to BS-4514 and BS 5255 including uPVC fittings with solvent cement jointing, rates include cost of clamping to walls and ceiling, hangers, supports, cutting through walls and providing sleeves through concrete slabs for pipelines and pipe fittings of the following diameter. 2" dia 3" dia 4" dia 6" dia 6" dia		Rft. Rft. Rft.	235 610	7,520 262,300	245 317 472 471	15,104 202,530	101% -23%	250 350 450 650	14,400 279,500	91% 7%
01-05P45	Providing and fixing 4" dia Floor Drain with P-Trap Stainless Steel grating, and cover.	1	No.			1,980	1,980		1,000	1,000	
01-05P46	Construction of rectangular brick masonry manhole of 2'x2 for sewer complete with plastering from internal and external side, PCC 1:2:4 base slab, benching with 1:3 cement sand mortar including 18" dia manhole cover and frame, rungs, complete as per drawings.		No.			33,000	330,000		7,500	75,000	
01.05047											
01-05P47	locations shown on drawings with cover, complete in al		120041								
	respects.	2	No.			6,600	13,200		4,500	9,000	
01-05P48	Providing and fixing Clean Out complete in all respects	1	No.			3,300	3,300		2,000	2,000	
01-05P49	Water Supply Pump For GST Supply at site, installation, testing and commissioning of water supply reciprocating pump with 2HP motor as per		72	72.0		400.000	222	no.r.	70.0	400.000	g.ar-
	spacification complete in all respect.	2	No	40,045	80,090	198,000	396,000	394%	76,000	152,000	90%
	Sub- Total (Rs.)				870,436		1,822,702			1,523,764	
	Total Cost for Plumbing Works Rs.				3,059,966		3,988,915			3,274,639	

		200	THE.	Engineer	's Estimate	M/s. AMCC	RP Engg &	Const.	M/s. W	SKB & Com	pany
Item	Item Description	QTY	Unit	Rate	Amount	Rate (Rs.)	Amount	% Diff	Rate	Amount	% Diff
				(Rs.)	(Rs)		(Rs)		(Rs.)	(Rs)	
01- 01 G 1	Temporary Facilities (Optional Items) Ref.Spec. No. G05 Providing and maintaining a rental building of area 5,800 sq. It for education purpose during the entire construction period including all utility services i.e electricity, water supply and sanitation complete in all respect as directed by the Engineer.		Month	40,000	800,000	132,000	2,640,000	230%	128000	2,560,000	220%
01- 01 G 2	OR Providing and maintaining a tent school of area 5,800 sq ft for education purpose during the entire construction period including all utility services i.e electricity, water supply and sanitation complete in all respect as directed.			20010							
01- 01 G 3	by the Engineer. OR Providing and maintaining porta cabins for school of area 5.800 sq. ft for education purpose during the entire construction period including all utility services is electricity, airconditioning, water supply and sanitation complete in all respect as directed by the Engineer.		Month	45,000	900,000	104,280	2,085,600	132%	112000		149%
01- 01 G 4	Shifting of furnitures and equiperents and reinstall etc from existing school to rental building/other school building and reinstall as per specification and directed by the engineer.		Month	90,000	1,800,000	450,000	9,000,000	400%	144000	2,880,000	60%
	Site Clearing and Grubbing	1	LS	30,000	30,000	264,000	264,000	780%	100000	100,000	233%
01- 01 G 5	Ref.Spec. No. C01 Clearing and Grubbing complete in all respect as directed by the Engineer.	16,880	Sft	5	84,400	3	50,640	-40%	15	253,200	200%
01- 01 G 6	DISMANTLING WORK Ref.Spec. No. G04 Dismantling, removing of existing building structure and foundations including disposal of debris materials to designated places/location as directed by the Engineer. All the dismantled materials shall be contractor's property and rate/price of dismantling work should include compensation of such items obtained by the Contractor from existing building.		Sft	30	228,000	66	501,600	120%	120	912,000	300%
01- 01 G 7	Dismantling, removing of existing sewerage lines including any structure as per site and as directed by the Engineer. Dismantled material shall be contractor's property.	50	Rft	105	5,250	660	33,000	529%	125	6,250	19%
01- 01 G 8	Dismantling, removing of existing water supply lines including any structure as per site and as directed by the Engineer. Dismantled material shall be contractor's property.		Rft.	18	900	66	3,300	267%	60	3,000	233%
01- 01 G 9	Dismantling, removing of existing electrical supply line as directed by the Engineer.	150	Rft.	20	3,000	132	19,800	560%	10	1,500	-50%
01- 01 G 10	Dismatling of existing boundry wall as shown in the drawing including disposal of surplus material and as directed by the Engineer, Dismantled material shall be contractor's property.		Rft	105	39,882	198	75,206	89%	200	75,966	90%
01- 01 G 11	Dismatling of existing walkways/plateform/water tank ramp etc and flooring as shown in the drawing/ as per site including disposal of surplus material and as directed by the Engineer. Dismantled material shall be contractor's property.		Sft	25	3,750	33	4,950	32%	35	5,250	40%
01- 01 G 12	POWER SUPPLY & TELECOMMUNICATION Providing, installing, testing and commissioning of electrical supply line for re-routing as per new plan including cables, all fixtures, connections and all related civil works as directed by the Engineer.		Job	120,000	120,000	198,000	198,000	65%	50000	50,000	-58%
01- 01 G 13	Providing, installing, testing and commissioning of telephone line for re-routing as per new plan including cables, all fixtures, connections and all related civil works as directed by the Engineer.		Job	25,000	25,000	13,200	13,200	-47%	30000	30,000	20%

		7 (1)			s Estimate		ORP Engg &			SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 1	CONSTRUCTION OF SCHOOL BUILDING SUB-STRUCTURE EARTHWORKS Ref.Spec. No. C02 Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places. a) 0 ft to 5 ft b) More than 5 ft upto 10 ft.		Cft.	12 15	497.075 15,000	7 11	289,960 11,000	-42% -27%	10 15	414,229 15,000	-17% 0%
01- 02 C 2	Fill and backfill with selected materials including watering and compaction to every layer as per specification.		100000								
	a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material / source to be approved by the Engineer) upto free haulage limit.	36194 24129	Cft.	8 22	289,552 530,848	13	470,522 965,179	63% 82%	101	3,655,594 603,237	1163%
01- 02 C 3	DEWATERING Ref. Spec. No. G03 Designing, providing and installation of complete dewatering system including boring, strainer, filter and other all materials, pumping and disposal of water upon surface dry all the time. a) Completion of installation works at site, up 100% running/ working position b) Dewatering, days not allow more then/ maximum payable.			1,000,000 25,000		264,000 5,280		-74% -79%	250,000 4,000		-75% -84%
01- 02 C 4	TERMITE CONTROL TREATMENT Ref.Spec. No. C03 Termite control treatment to surfaces following structures complete in all respect as per specification:	9700	Sq.ft.	22	213,400	11	106,700	-50%	15	145,500	-32%
01- 02 C 5 01- 02 C 6	REINFORCEMENT Ref.Spec. No. C04 Hot rolled deformed steel bars conforming to ASTM A- 615 grade 60 having tensile strength equal to or more than 60,000 psi. Hot rolled deformed steel bars conforming to ASTM A- 108 grade 40 having tensile strength equal to or more	25	ton.	142,289	3,557,225	114,385	2,859,625	-20%	125,000	3,125,000	-12%
	than 40,000 psi. PLAIN AND REINFORCED CONCRETE AND FORMWRef.Spec. No. C04	Rate only	ton.			110,306			125,000		
01- 02 C 7	Blinding concrete 1250 psi using slag cement conforming to BS-146.	1900	Cft.	243	461,700	199	378,100	-18%	185	351,500	-24%
01- 02 C 8	Reinforced cement concrete using slag cement conforming to BS-146, 3000 psi (28 day cylinder strength) in following complete in all respect as per drawings and specification in: a) Footing b) Columns upto plinth c) Plinth beams d) SOG & Ramps Slabs e) Walls	4800 1126 2450 158 50	Cft. Cft. Cft. Cft.	321 396 385 358 354	1,540,800 445,738 943,250 56,385 17,700	297 472 455 335 459	1,425,600 531,283 1,114,750 52,763 22,950	-7% 19% 18% -6% 30%	495 495 495 495 495	2,376,000 557,172 1,212,750 77,963 24,750	54% 25% 29% 38% 40%
07- 02 C 9	BRICK MASONRY Ref. Spec. No. C05 Solid brick masonry under the plinth beam of one and half brick thickness, set in 1.4 using slag cement conforming to BS-146 & sand mortar, straight or curve at any level including all anchors required to be built in brick masonry, complete in all respect as per drawings and specifications.	2226	CfL	284	632,184	289	643,314	2%	390	868,140	37%
01- 02 C 10	HARDCORE/STONE SOLING Ref.Spec. No. C07 6" thick hardcore compacted with mechanical compactor filling voids with same material of suitable size for floor foundation complete in all respect as per specifications and drawings.	7700	Sq.ft.	50	385,000	67	515,900	34%	230	1,771,000	360%

		130		Engineer'	s Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	%	Rate	Amount	% Dif
				(Rs.)	(Rs)	(Rs.)	(Rs)	Diff	(Rs.)	(Rs)	
	Second Floor / Roof (From 2nd slab to 3rd slab & to REINFORCEMENT	ower)									
01 02 0 21	Ref.Spec. No. C04 Hot rolled deformed steel bars conforming to ASTM A										
U1- U2 G Z I	615 grade 60 having tensile strength equal to or more										
	than 60,000 psi.	4	ton.	142,289	569,156	115,705	462,820	-19%	127,000	508,000	-11%
01- 02 C 22	Hot rolled deformed steel bars conforming to ASTM A										
	108 grade 40 having tensile strength equal to or more		WWW.			444.000			*27.000		
	than 40,000 psi.	Rate only	ton.			111,626			127,000		
	PLAIN AND REINFORCED CONCRETE AND FORMS	VORKS									1
01- 02 C 23	Ref.Spec. No. C04 Reinforced cement concrete using OP cement 3000										
	psi (28 day cylinder strength) in following super										
	structures components complete in all respect as per										
	drawings and specification;	110	Cft.	411	45,210	502	55,220	22%	515	56,650	25%
	a) Columns b) Beams & lintels	129	Cft.	417	53,793	488	62,952	17%	515	66,435	24%
	c) Slab & projections	252	Cft.	391	98,532	392	98,784	0%	515	129,780	32%
	d) Parapet Wall/ Purdi	834	Cft.	539	449,526	556	463,704	3%	515	429,510	-4%
	e) Precast coping for parapet wall at roof and erecting		1 1								1
	fixing including shuttering and all accessories and/or	1042	D0	266	277,172	771	803,382	190%	552	575,184	108%
	embedded parts. g) Over head water tank, column, walls & slab	396	Rft.	407	161,172	423	167,508	4%	532	210,672	31%
	f) Others Misc Str	20	Cft.	360	7,200	766	15,320	113%	520	10,400	44%
		2390	630,000	-120							
	FINISHING WORKS For Ground floor										
	BRICK MASONRY		1 1	- 1				1 1			1
	Ref.Spec. No. C05		ΙI								
01- 02 C 24	Solid brick masonry wall of the following thicknesses		1 1								1
	set in 1.4 cement sand mortar, straight or curve at any		1 1								
	level including all anchors, walls ties and other fixtures		1 1	- 1							1
	required to be built in brick masonry, complete in all respect as per drawings and specifications.		1 1	- 1		1 1					1
	respect as per diawings and specifications.										
	a) 4-1/2" thick	618	Cft.	305	188,490	309	190,962	1%	410	253,380	34%
	b) 9" thick c)13-1/2" thick	5480 25	Cft.	288 283	1,578,240 7,075	301 250	1,649,480 6,250	5% -12%	400 390	2,192,000 9,750	39%
	10/13-1/2 trick	20	011	203	7,075	200	0,200	12.70	0.50	5,755	
	DOORS FRAMES Ref. Spec. No. C09 & C11										
01- 02 C 25	G.I frame 16swg redoxided inner & outer side and		1 1								
	polish/ paint matching with door, complete hardware.		1 1	- 1							
	fitting material (Hold fast & mortar etc) sizes and		1 1	- 1							
	patam detail as per schedule with lacquer polish		1 1								
	complete in all respect as shown on the drawings and specifications.	735	R.ft.	230	169,050	446	327,810	94%	125	91,875	-46%
	inprovincements.	100	Distriction .	200	100,000				1 1 1 1 1 1	1000000	1,500
	CEMENT PLASTER										
n+ n2 C 26	Ref.Spec. No. C06 3/4" thick, 1:4 cement sand plaster to specified exterior					1 1					1
01- 02 0 20	surfaces smooth trowelled at any height with all			- 1							1
	scaffoldings (wall, beams, projection or any structural		1 1	- 1							
	members etc.) including making grooves as per			- 1							
	design, dip course, edges, chamfers and complete in										1
	all respect as shown on the drawings and specifications.	375	Sq.ft.	63	23,625	85	31,875	35%	45	16,875	-29%
	specifications.	373	94,11	- 00	20,020	0.0	31,013	0070		10,010	200
01- 02 C 28	1/2" thick, 1.4 cement sand smooth trowelled plaster to										
	interior surfaces of ceilings at any height with all scaffoldings including making edges etc.				270 425		204 405	40/	25	250 475	249/
	scanoldings including making edges etc.	7385	Sq.ft.	51	376,635	53	391,405	4%	35	258,475	-31%
01- 02 C 29	1/2" thick, 1:4 cement sand smooth trowelled plaster to										
NO THE PARTY	interior surfaces of walls, including making of all types										
	of openings required for windows & door etc with jams		1 1	- 1							1
	plaster, at any height with all scaffoldings etc.	16190	Sq.ft.	68	1,100,920	93	1,505,670	37%	40	647,600	-41%

Item I	Description	QTY	Unit	Rate	Amount	Rate	Amount	%	Rate	Amount	No. of London
				(Rs.)	(Rs)	(Rs.)	(Rs)	Diff	(Rs.)	(Rs)	% Diff
floor etc using approved approved pattern set in including bullnosing/ cha	entrance steps, stairs, ramp & quality, colour & shade laid in 1:2 cement sand mortar base mfering of edges complete in			,,,,,	,,	, and					
		325 60	Sq.ft. Sq.ft.	304 164	98,800 9,840	485 229	157,625 13,740	60% 40%	835 365	271,375 21,900	175% 123%
3/4" thick using marble s & shade laid in approve sand mortar base include	lab of approved quality, colour ed pattern set in 1:2 cement ling bullnosing/ chamfering of	382	Sq.ft.	304	116,128	485	185,270	60%	900	343,800	196%
size, colour and shade i specified mortar including	aid in approved pattern set in g rough base plaster, grinding	102	Sq.ft.	160	16,320	229	23,358	43%	425	43,350	166%
stair cases & steps, cold pattern set in specified plaster, grinding and po	ur and shade laid in approved mortar including rough base lish including complete in all	55	Sq.ft.	153	8,415	233	12,815	52%	400	22,000	161%
3/4" thick of approved sizetc, colour and quality is specified mortar including	te, making of edges of marble aid in approved pattern set in ng cement concrete screed	60	Sq.ft.	253	15,180	406	24,360	60%	400	24,000	58%
distemper paint to C.C quality and shade includ coat, etc. at any height	Plaster ceiling of approved ng rubbing, filling, and primer and level with scaffolding etc.	7385	Sq.ft.	24	177,240	26	192,010	8%	45	332,325	88%
emultion paint finish to approved quality and st and primer coat, etc. a	internal walls with paint of hade including rubbing, filling, at any height and level with	16190	Sq.ft.	37	599,030	40	647,600	8%	45	728,550	22%
resistant paint of appro- applied upto desired surfaces including surfa and level with scaffolding	ved quality, colour & shade finish to specified exterior ce preparation at any height etc. including complete in all	375	Sq.ft.	30	11,250	40	15,000	33%	40	15,000	33%
sizes teak ply finished s thick solid core partal v color/ lacker, beading/ / (Locks, door closer, doo etc) as per schedule a	hutter fixed comprising 1-1/2" vood frame and infill, polish, vichitrave, with all hardwares astoper, push plate kick plate and finish with lacker polish	750	Sq.ft.	966	724,500	1,435	1,076,250	49%	1,000	750,000	4%
door panel with solid woo lacker at both sides an type, quality complete in	d batten including teak polish/ ound the glass of approved all respect as shown on the			-		50.				450.000	75%
	approved pattern set in including bullnosing/ cha all respect as shown on the property of the property of the provided plate of the	Pre-polished marble tile riser using tile of approved size, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish complete in all respect. Pre-polished Marble skirting tile of approved size for stair cases & steps, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings. PAINTING Ref. Spec. No. C10 Providing and applying three or more coats of distemper paint to C.C. Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. WOODEN DOORS Ref. Spec. No. C09 Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partal wood frame and infill, polish, color/ lacker, beading/ Architrave, with all hardwares (Locks, door closer, door stoper, push plate kick plate etc) as per scheduled and finish with lacker polish complete in all respect as shown on the drawings and	approved pattern set in 1.2 cement sand mortar base including bullnosing/ chamfering of edges complete in all respect as shown on the drawings. a) Entrance Steps & Platform (3/4" thick) b) Entrance Steps Risers (1/2" thick) Pre-polished marble on stairs steps and landing etc 3/4" thick using marble slab of approved quality, colour & shade laid in approved pattern set in 1.2 cement sand mortar base including bullnosing/ chamfering of edges complete in all respect as shown on the drawings. Pre-polished marble tile riser using tile of approved size, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish complete in all respect. Pre-polished Marble skirting tile of approved size for stair cases & steps, colour and shade laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings. Providing and applying three or more coats of distemper paint to C.C. Plaster celling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of mattemultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc. including complete in all respect as shown on the drawings and specificatio	approved pattern set in 1:2 cement sand mortar base including bullnosing/ chamfering of edges complete in all respect as shown on the drawings. a) Entrance Steps & Platform (3/4" thick) b) Entrance Steps Risers (1/2" thick) Pre-polished marble on stairs steps and landing etc 3/4" thick using marble slab of approved quality, colour & shade laid in approved pattern set in 1:2 cement sand mortar base including bullnosing/ chamfering of edges complete in all respect as shown on the drawings. Pre-polished marble tile riser using tile of approved size, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish complete in all respect. Pre-polished Marble skirting tile of approved size for stair cases & steps, colour and shade laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings. 60 Sq.ft. PAINTING Ref. Spec. No. C10 Providing and applying three or more coats of distemper paint to C.C. Plaster celling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying	approved pattern set in 1.2 cement sand mortar base including bullionsing/ chamfering of edges complete in all respect as shown on the drawings. a) Entrance Steps & Platform (34* thick) b) Entrance Steps Resers (1/2* thick) c) Entrance Steps Reserve (1/2* thick) c)	approved pattern set in 12 cement sand mortar base including butlonising chamfering of edges complete in all respect as shown on the drawings. a) Entrance Steps & Platform (3/4* thick) 50 Entrance Steps Risers (1/2* thick) 60 Sq.ft. 304 98.800 Pre-polished marble on stars steps and landing etc 3/4* thick using marble slab of approved quality, colour & shade laid in approved pattern set in 1.2 coment sand mortar base including butlnosing/ chamfering of edges complete in all respect as shown on the drawings. Pre-polished marble life riser using tile of approved size, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish complete in all respect. Pre-polished Marble skring tile of approved size for stair cases & steps, colour and shade laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 3/4* thick of approved size, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Painting Ref. Spec. No. C10 Providing and applying three or more coats of distemper paint to C.C Plaster celling of approved quality and shade including using, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of matter drawings. Providing and applying three or more coats of weather resistant paint of approved quality, and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc. including complete in all	approved pattern set in 12 cement sand mortar base including bullmosing / chamforing of edges complete in all respect as shown on the drawings. a) Entrance Steps & Platform (314* thick) 50 Entrance Steps Risers (102* thick) 60 Sq.ft. 304 98.800 485 Sq.ft. 34* thick using marble state of approved quality, colour & shade laid in approved pattern set in 12 cement sand mortar base including bullmosing / chamfering of edges complete in all respect as shown on the drawings. Pre-polished marble tile riser using tile of approved sixe, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish complete in all respect as shown on the specified mortar including rough base plaster, grinding and polish complete in all respect as shown on the drawings. Pre-polished Marble skirting tile of approved sixe for stair cases & steps, colour and shade laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 34* thick of approved sixe, making of edges of marble etc, colour and quality laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 34* thick of approved quality laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. 60 Sq.ft. 253 15,180 406 PAINTING Providing and applying three or more coats of dattern set in the specified mortar including rubbing, filing, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. WOODEN DOONS Ref Spec. No.	approved pattern set in 1.2 cement sand mortar base in including bullionign chamfering of edges complete in all respect as shown on the drawings. a) Entrance Stops & Platform (3.4" thick) b) Entrance Stops Resers (1/2" thick) Pre-polished marble on stairs stops and landing etc. 325 Sq.ft. 304 98.800 485 157.625 Sq.ft. 164 9.840 229 13,740 Pre-polished marble size of approved quality cotors a shade laid in approved pattern set in 12 cement sand mortar base including bullioning/ chamfering of edges complete in all respect. as shown on the drawings. Pre-polished marble the riser using tile of approved size. colour and shade laid in approved pattern set in specified mortar including roughlet in all respect as shown on the drawings. Pre-polished Marble skirring tile of approved size for stair cases & stops, colour and shade laid in approved pattern set in specified mortar including roughlet in all respect as shown on the drawings. Pre-polished Marble skirring tile of approved size for stair cases & stops, colour and shade laid in approved pattern set in specified mortar including roughlets in all respect as shown on the drawings. Providing and applying three or more coats of marble cools of approved size for stair coates and saults laid in approved pattern set in specified mortar including complete in all respect as shown on the drawings. PAINTING Ref Spec. No. C10 Providing and applying three or more coats of marble cools of distemper paint to C.C. Plaster ceiling of approved quality and shade including rubbing, filing, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired frish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc. including complete in all respect as shown on the drawings. Providing and applying three or more coats of weather resistan	approved pattern set in 1.2 cement sand mortar base in including bullonging chamlering of edges complete in all respect as shown on the drawings. a) Entranco Stops & Piatform (3/4" thick) 60 Sq.ft. 194 9,840 229 13,740 40% 17,740 195 Entranco Stops & Piatform (3/4" thick) 60 Sq.ft. 194 9,840 229 13,740 40% 17,740 195 Entranco Stops & Piatform (3/4" thick using martles labt of approved quality, colour & shade laid in approved pattern set in 12 cement and mortar base including bullonging chamlering of edges complete in all respect as shown on the drawings. Pre-polished marble life riser using tile of approved size, colour and shade laid in approved pattern set in specified mortar including rough base plaster, grinding and polish including rough base plaster, grinding and polish including rough base plasters, grinding and polish including rough base plasters, grinding and polish including rough base plasters et in specified mortar including compete in all respect as shown on the drawings. Providing and laying Pre-polished marble threshold 3/4" thick of approved size making of edges of marble etc. colour and quality laid in approved pattern set in specified mortar including compete size of base complete in all respect as shown on the drawings. PAINTING Ref Spec No. C10 Providing and applying three or more coats of distemper paint to C.C. Plaster celling of approved quality and shade including robbing, filing, and primer coat, etc. at any height and level with scalfolding etc. including complete in all respect as shown on the drawings. 16190 Sq.ft. 37 599,030 40 647,600 8% Providing and applying three or more coats of mattle enduluing complete in all respect as shown on the drawings. 16190 Sq.ft. 37 599,030 40 647,600 8% WOODEN DOORS Providing and applying three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired fireish to internal walls with paint of approved quality, colour & shade applied upto desired fireish to specified exterior strates including sortice p	approved pattern set in 12 cement sand mortar base including bulinosity charatiening of deges complete in all respect as shown on the drawings. 325 Sq.ft. 304 98.800 485 157.625 60% 385 385 47 164 9.840 229 13,740 40% 385 385 387 164 164 9.840 229 13,740 40% 385 385 387 164 164 9.840 229 13,740 40% 385 385 387 164 164 9.840 229 13,740 40% 385 385 387 164 164 9.840 229 13,740 40% 385 385 387 164 164 9.840 229 13,740 40% 385 385 387 164 164 9.840 229 14,740 40% 385 385 387 164 164 9.840 229 14,740 40% 385 385 385 387 164 164 9.840 229 14,740 40% 385 385 385 385 385 385 385 385 385 385	approved pattern set in 1.2 cement sand mortar base including bullons(c) channeling of seless complete in all respect as shown on the drawings. 325 Sq.ft. 304 9,840 229 13,740 40% 365 21,376 D) Entrance Stope Risers (1/2 thick) 60 Sq.ft. 164 9,840 229 13,740 40% 365 21,376 Pre-polished martier on stains steps and tanding other stands and control stands and supproved quality colors a shalled tasel and provided quality colors as shalled tasel and approved pattern set in 32 cement sand mortar base including bullnoising channeling of drawings. Pre-polished martier lite riser using the of approved state not on the drawings. Sq.ft. 304 116,128 485 185,270 60% 900 343,800 and polish complete in all respect as shown on the drawings. Sq.ft. 160 16,320 229 23,358 43% 425 43,350 and polish complete in all respect. Pre-polished martier literial provide pattern grade base plaster, grinding and polish including complete in all respect. Providing and laying Pre-polished martie threshold state plaster, grinding and polish including complete in all respect as shown on the drawings. Sq.ft. 153 8,415 233 12,815 52% 400 22,000 and polish complete in all respect as shown on the drawings. Sq.ft. 153 8,415 233 12,815 52% 400 22,000 and polish complete in all respect as shown on the drawings. Sq.ft. 253 15,180 406 24,360 60% 400 24,000 and polish grinding complete in all respect as shown on the drawings. Sq.ft. 24 177,240 26 192,010 8% 45 332,325 and polish grinding complete in all respect as shown on the drawings. PANTING ROS Spc. No. C10 Providing and applying three or more coats of matternation part finish to internal wash with paint of drawings. Sq.ft. 24 177,240 26 192,010 8% 45 332,325 and polish grinding complete in all respect as shown on the drawings. Providing and applying three or more coats of washer solutions in polish grinding and polish grinding and polish grinding complete in all respe

Item	The state of the s	C \$1 41			s Estimate		ORP Engg &			SKB & Comp	pany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	STRUCTURAL STEEL Ref. Sec. No. C 13	lian		(No.)	(rto)	(1.5.7)	(,,,,,				
31- UZ C 59	Mild steel grills as per approved design include fabrication, transport, handling, installation & synth enamel paint over red oxide primer complete in respect as shown on the drawings.	etic	Kg	160	348,000	204	443,700	28%	285	619,875	78%
01- 02 C 60	Providing and fixing MS stair railing as per draw and specifications complete in all respect.	ring 30	Rft	450	13,500	782	23,460	74%	4,800	144,000	967%
01- 02 C 61	Providing and fixing MS pipe railing for courtyard paintings, as per drawing and specifications comp in all respect and approved by the engineers.	ete	700	4.000		700		200	4 900		269%
		Rate only	Rft	1,300		789		-39%	4,800		209%
01- 02 C 62	FLOOR AND WALL FINISHES Ref. Spec, No. C 07, 08 Providing and laying terrazzo tile for floor with size 12"x12" including base mortar, chemical polist complete in all respect as per drawing, specifica and as directed by the Engineer.	ing	Sq.ft.	173	1,390,055	203	1,631,105	17%	150	1,205,250	-13%
01- 02 C 63	Providing and laying terrazzo tile skirting 4" high us tile of approved size, quality, colour and shade including rough plaster base complete in all respec- per drawing, specification and as directed by Engineer.	aid as	Sq.ft.	227	95,340	203	85,260	-11%	175	73,500	-23%
01- 02 C 64	Porcelain tile floor (type) using tile of size 8"x8" body), approved quality, colour and shade laid approved pattern set in specified mortar inclus cement concrete base, complete in all respect shown on the drawings.	(full in ling	Sq.ft.	367	183,500	349	174,500	-5%	160	80,000	-56%
01- 02 C 65	Porcelain tile in Dado using tile of size 8"x8", qua colour and shade laid in approved pattern include rough plaster base complete in all respect.	lity.	Sq.ft.	383	842,600	268	589,600	-30%	150	330,000	-61%
01- 02 C 66	MARBLE WORKS Ref.Spec. No. C 07, 08 Pre-polished marble on stairs steps and landing 3/4" thick using marble slab of approved quality, co & shade laid in approved pattern set in 1:2 cer sand mortar base including bullnosing/ chamfering edges complete in all respect as shown on drawings.	our ent of	Sq.ft.	304	53,200	500	87,500	64%	900	157,500	196%
01- 02 C 67	Pre-polished marble tile riser using tile of appro size, colour and shade laid in approved pattern se specified mortar including rough base plaster, grind and polish complete in all respect.	t in	Sq.ft.	160	8,000	236	11,800	48%	425	21,250	166%
01- 02 C 68	Pre-polished marble tile for counter tops & other a 3/4" thick using of approved quality, colour & shade in approved pattern set in 1:2 cement sand mo base including complete in all respect as shown on drawings.	aid rtar	Sq.ft.	347	17,350	431	21,550	24%	950	47,500	174%
01- 02 C 69	Pre-polished Marble skirting tile of approved size stair cases & steps, colour and shade laid in appro- pattern set in specified mortar including rough b plaster, grinding and polish complete in all respect.	ved ase			- 200						
01- 02 C 70	Providing and laying Pre-polished marble threst 3/4" thick of approved size, making of edges of ma etc, colour and quality laid in approved pattern se specified mortar including cement concrete scribase complete in all respect as shown on the drawin	ble t in eed	Sq.ft.	153	5,202 12,650	240	8,160 20,900	65%	410	13.940	168%
		50	Jul. II.	200	12,000	4,13	20,000	5570	7.5	E. 0.0.	97.09

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Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 80	DOORS FRAMES Ref.Spec. No. C09 & C11 G.I frame 16swg redoxided inner & outer side and polish/ paint matching with door, complete hardware/ fitting material (Hold fast & mortar etc) sizes and patam detail as per schedule with lacquer polish complete in all respect as shown on the drawings and specifications.	35	R.ft.	225	7,875	469	16,415	108%	135	4,725	-40%
01- 02 C 81	CEMENT PLASTER Ref. Spec. No. C 06 3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection, parapet or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and as per elevation complete in all respect as shown on the drawings.	2504	Sq.ft.	63	157,752	90	225,360	43%	60	150,240	-5%
01- 02 C 82	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	388	Sq.ft.	51	19,788	56	21,728	10%	50	19,400	-2%
01- 02 C 83	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	935	Sq.ft.	68	63,580	97	90,695	43%	55	51,425	-19%
01- 02 C 84	3/4" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls to O.H.W Tank etc with making of chamfer corner in plaster as per drawings and specifications.	495	Sq.ft.	50	24,750	67	33,165	34%	65	32,175	30%
01- 02 C 85	Water proofing coating treatment to all vertical surfaces in contact with water shall be treated with 2 coats of crystalline water proofing coating.	285	Sq.ft.	66	18,810	54	15,390	-18%	100	28,500	52%
01- 02 C 86	Water proofing coating treatment to all horizontal surfaces in contact with water shall be treated with 1 coat of crystalline water proofing coating.	210	Sq.ft.	55	11,550	37	7,770	-33%	100	21,000	82%
01- 02 C 87	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, including fixing of frame and embedded parts in concrete and painting, complete in all respect as per specification and as directed by the Engineer.	2	No.	20,415	40,830	5,940	11,880	-71%	5,000	10,000	-76%
01- 02C 88	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer. (For O.H.W tank)	4	No.	2,390	9,560	2,640	10,560	10%	5,000	20,000	109%
01- 02 C 89	FLOOR AND WALL FINISHES Ref.Spec. No. C 07, 08 Providing and laying terrazzo tile for floor with size of 12"x12" including base mortar, chemical polishing complete in all respect as per drawing, specification and as directed by the Engineer.	180	Sq.ft.	173	31,140	207	37,260	20%	155	27,900	-10%
01- 02 C 90	Providing and laying terrazzo tile skirting 4" high using tile of approved size, quality, colour and shade laid including rough plaster base complete in all respect as per drawing, specification and as directed by the Engineer.	16	Sq.ft.	227	3,632	356	5,696	57%	180	2,880	-21%
01- 02 C 91	MARBLE WORKS Ref. Spec. No. C 07, 08 Providing and laying Pre-polished marble threshold 3/4" thick of approved size, making of edges of marble etc. colour and quality laid in approved pattern set in specified mortar including cement concrete screed base complete in all respect as shown on the drawings.	6	Sq.ft.	253	1,518	427	2,562	69%	900	5,400	256%

It	em	CONTRACTOR OF THE PARTY	300	400		Engineer	's Estimate	M/s. AM	CORP Engg &	Const.	M/s.	WSKB & Comp	any
		Item Desc	ription	QTY	Unit	Rate	Amount	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% D
1-	03 D1	EXTERNAL DEVELOPY DEWATERING Ref. Spec. No. G03 Designing, providing and dewatering system includin	installation of complete			(Rs.)	(Rs)	(ns.)			(03.)		
		and other all materials, p water upto Engineer's satis construction surface dry all t a) Completion of installation runnung/ working position b) Dewatering	umping and disposal of faction and to keep the he time.	Rate Only Rate Only		434,417 10,800		330,000 6,600			250,000 4,000		
1- (03 D 2	CONSTRUCTION OF BOUR Ref. Spec. No. C02 EARTHWORKS Ref. Spec. No. Excavation in all kinds of sufollowing depths including /rejected excavated material a) 0 ft to 5 ft	b-surface materials upto disposal of surplus	5,070	Cft.	12	60,840	13	65,910	8%	10	50,700	-1
1- (03 D 3	Fill and backfill with selectivatering and compaction specification. a) From suitable excavated	to every layer as per										
		of excavated materials) b) Obtained from outside so to be approved by the Eng		2239 750	Cft.	8 22	17,912	13	29,107	63% 82%	15	33,585 18,750	
	02 D4	Irmit. Area Fill with selected mate	sinte from a deide en use	750	CIL.	22	10,500	40	30,000	02.76	25	10,730	
	03 D4	including watering and comper specification for Play gro	paction to every layer as	19,384	Cft.	22	426,448	40	775,360	82%	20	387,680	
1-	03 D5	TERMITE CONTROL TREA Ref. Spec. No. C03 Termite control treatment following structures comple specification:	to specified surfaces	2,520	Sq.ft	22	55,440	11	27,720	-50%	15	37,800	
-	03 D6	REINFORCEMENT Ref. Spec. No. C04 Hot rolled deformed steel b A-615 grade 60 having ten more than 60,000 psi.		6.00	ton.	142,289	853,734	114,385	686,310	-20%	125,000	750,000	-
1- 1	03 D7	PLAIN AND REINFORCED Ref. Spec. No. C04 Blinding concrete 1250 p conforming to BS-146.		751	Cft.	243	182,432	199	149,399	-18%	160	120,120	
- 1	03 D8	Reinforced cement concre conforming to BS-146, 30 strength) in following compl	00 psi (28 day cylinder ete in all respect as per										
		drawings and specification in a) Footings b) Columns upto plinth c) Plinth beams		1,495 141 658	Cft. Cft. Cft.	321 396 385	479,895 55,836 253,330	297 472 455	444,015 66,552 299,390	-7% 19% 18%	500 500 500	747,500 70,500 329,000	1
+	03 D9	Reinforced cement concrete psi (28 day cylinder strength all respect as per drawings a	n) in following complete in										
		a) Columns		455	Cft.	405	184,275	551	250,705	36%	500	227,500	1
- 0	3 D10	BRICK MASONRY Ref. Spec. No. C05 Solid brick masonry wall 9 cement conforming to BS-14 mortar, straight or curve bei including all anchors, walls required to be built in brick respect as per Drawings and	6 set in 1.4 cement sand ow plinth beam, planters ties and other fixtures masonry, complete in all										
		a) 9" thick		439	Cft.	288	126,360	301	132,064	5%	410	179,888	

Ite	m			2,10,	Engineer	's Estimate	M/s. AM	CORP Engg &	Const.		WSKB & Comp	any
		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
		Foothpath Walkway (Precast Paving Blocks / Tiles)			(RS.)	(RS)	(RS.)			(RS.)		
01- 03	D23	Ref. Sec.No. 4" thick hardcore compacted with mechanical compactor filing voids with same material of suitable size for floor foundation complete in all respect as per specifications and drawings.	1,896	Sq.ft.	21	39,816	50	94,800	138%	75	142,200	257%
01- 03	D24	Precast cement concrete paving blocks Envicrete or approved equivalent of size 8" x 4" x 2.5" laid in approved pattern including 2" thick sand cushion, levelling and dressing complete in all respect and as directed by the Engineer.	1,896	Sq.ft.	145	274,920	192	364,032	32%	365	692,040	152%
01- 03	D25	PCC concrete kerb Envicrete or approved equivalent including lean, hauching concrete etc complete as per drawing and specifications with earth cutting/filling, levelling, dressing etc complete in all respect as per specifications and as directed by the Engineer.	140	Rft	460	64,400	419	58,660	-9%	437	61,180	-5%
01- 03	D26	2" Thick plain cement concrete panel flooring including subfloor, base preparation etc. 1/2" deep V Groove @ 8" c/c, joints etc complete as shown in the drawings.	660	Sq.ft.	65	42,900	123	81,180	89%	95	62,700	46%
01- 03	D27	EXTERNAL SEWER & MANHOLES Construction of manholes with material including, excavation, base top RCC slab, GI steps, CC benching water proof internal plaster, external bitumen coating etc inlet/out connections etc. i. 24" x 24" SIZE ii. 36" x 36" SIZE	11 2	Nos.	8,125 12,500	89,375 25,000	31,680 36,960	348,480 73,920	290% 196%	22.000 33,000	242,000 66,000	171% 164%
01- 03	D28	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification and as directed by the Engineer.	13	No.	28,820	374,660	6,336	82,368	-78%	7,500	97.500	-74%
01- 03	D29	Septic Tank Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places as per drawing or directed by the Engineer. a) 0 to 5 ft b) More than 5 ft upto 10 ft.	830 430	Cft.	12 15	9,960 6,450	13 20	10,790 8,600	8% 33%	10 15	8,300 6,450	-17% 0%
01- 03	D30	Blinding concrete 1250 psi using stag cement conforming to BS-146	55	Cft.	243	13,365	199	10,945	-18%	160	8,800	-34%
01- 03	D31	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystaline water proofing coating on vertical surfaces.	517	Sq.ft.	80	41,360	54	27,918	-33%	157	81,169	96%
)1- 03	D32	Water proofing coating treatment to all surfaces in contact with water shall be treated with 1 coat of Crystaline water proofing coating on horizontal surface.	113	Sq.ft.	60	6,780	37	4,181	-38%	157	17,741	162%
01- 03	D33	Reinforced cement concrete using stag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		a) Base Slab. b) Walls including chamfer etc. c) Top Slab	111 345 70	Cft. Cft. Cft.	280 345 350	31,080 119,025 24,500	297 472 335	32,967 162,840 23,450	6% 37% -4%	500 500 500	55,500 172,500 35,000	79% 45% 43%
)1- 03	D34	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60, as mentioned in drawings and directed by the Engineer.	1.5	Ton	142,289	213,434	114,385	171,578	-20%	125,000	187,500	-12%
1- 03	D35	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	0	Sq.ft.	32	8	53		66%	40		25%

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		Item Description	QTY	Unit	Rate	Amount	Rate	Amount (Rs)		Rate	Amount (Rs)	% Diff
				-	(Rs.)	(Rs)	(Rs.)	ranount (res)		(Rs.)	7.50.55.00	
01- 0	3 D50	Reinforced cement concrete using slag cement conforming to B\$-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings & directed by the Engineer. a) Base Slab. b) Walls including chamfer etc. c) Top slabs d) Precast Slab	100 255 60 10	Cft. Cft. Cft. Cft.	280 345 350 350	28,000 87,975 21,000 3,500	297 472 335 515	29,700 120,360 20,100 5,150	6% 37% -4% 47%	515 515 515 515	51,500 131,325 30,900 5,150	849 499 479 479
01- 03	3 D51	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60.as mentioned in drawings and directed by the Engineer.	1	Ton	142,289	133,040	114,385	106,950	-20%	125,000	116,875	-12%
01- 03	3 D52	Providing embeding 10" (250 mm) wide PVC water stopper in construction joints in R.C.C. work complete in all respects, as per drawing and directed by the Engineer.	55	Rft.	309	16,995	422	23,210	37%	1,250	68,750	305%
01- 03	3 D53	Solid brick masonry wall of the following thicknesses set in 1:4 cement sand mortar, straight or curve at any level including all anchors, walls ties and other fixtures required to be built in brick masonry, complete in all respect as per drawings and specifications. a) 9" thick	66	Cft.	288	19,008	301	19,866	5%	410	27,060	42%
01- 0	3 D54	Supply and fix water tight (Square Type) Malleable iron Manhole cover with frame of CME or Equivelant, for the (50kg weights heavy duty), including the cost for fixing of frame in concrete and making good the same, complete in all respect as per specification & as directed by the Engineer.	2	No.	28,820	57,640	5,940	11,880	-79%	8,000	16,000	-72%
01- D:	3 D55	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	10	No.	2,390	23,900	3,300	33,000	38%	1,500	15,000	-37%
01- 0	3 D56	3/4" thick, 1:4 cement sand plaster to specified exterior surfaces smooth trowelled at any height with all scaffoldings (wall, beams, projection or any structural members etc.) including making grooves as per design, dip course, edges, chamfers and complete in all respect as shown on the drawings and specifications.	90	Sq.ft.	63	5,670	85	7,650	35%	45	4,050	-29%
01- 0	3 D57	1/2" thick, 1.4 cement sand smooth trowelled plaster to interior surfaces of ceilings at any height with all scaffoldings including making edges etc.	12	Sq.ft.	51	612	53	636	4%	35	420	-31%
01- 03	3 D58	1/2" thick, 1:4 cement sand smooth trowelled plaster to interior surfaces of walls, including making of all types of openings required for windows & door etc with jams plaster, at any height with all scaffoldings etc.	40	Sq.ft.	68	2,720	93	3,720	37%	40	1,600	-41%
01- 00	3 D59	2" thick, 3000 cement concrete floor and screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	185	Sq.ft.	50	9,250	111	20,535	122%	60	11,100	20%
01- 03	3 D60	Three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc.complete in all respect as per specifications.	90	Sq.ft.	30	2,700	41	3,690	37%	40	3,600	33%
01- 03	3 D61	Providing and applying three or more coats of distemper paint to C.C. Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	12	Sq.ft.	24	288	28	336	17%	45	540	88%

	Item				Engineer	's Estimate	M/s. AM	CORP Engg &	Const.	M/s.	WSKB & Comp	any
		Item Description	QTY	Unit	Rate	Amount	Rate	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	02.074	er wat bades consisted the makes of			(Rs.)	(Rs)	(Rs.)			(RS.)		
)1-	03 D74	6" thick hardcore compacted with mechanical compactor filling voids with same material of suitable size for floor foundation complete in all respect as per specifications and drawings.	25	Sq.ft.	42	1,050	67	1,675	60%	115	2,875	174%
01-	03 D75	PCC 4" thick plain cement concrete sub-floor laid complete in all respect as per drawing, specification and as directed by the Engineer.	25	Sq.ft.	74	1,850	77	1,925	4%	185	4,625	150%
)1-	03 D76	Plain cement concrete 2" thick floor & screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	25	Sq.ft.	44	1,100	54	1,350	23%	85	2,125	93%
11-	03 D77	Plain cement concrete 2" thick screeding smooth finished complete in all respect as shown on the drawings, specification and as per instruction of Engineer.	33	Sq.ft.	44	1,452	54	1,782	23%	85	2,805	93%
)1-	03 D78	Three or more coats of weather resistant paint of approved quality, colour & shade applied upto desired finish to specified exterior surfaces including surface preparation at any height and level with scaffolding etc.complete in all respect as per specifications.	285	Sq.ft.	30	8,550	41	11,685	37%	40	11,400	33%
01-	03 D79	Providing and applying three or more coats of distemper paint to C.C Plaster ceiling of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	25	Sq.ft.	24	600	28	700	17%	45	1,125	88%
01-	03 D80	Providing and applying three or more coats of matt emultion paint finish to internal walls with paint of approved quality and shade including rubbing, filling, and primer coat, etc. at any height and level with scaffolding etc. including complete in all respect as shown on the drawings.	150	Sq.ft.	37	5,550	41	6,150	11%	45	6,750	22%
01-	03 D81	Vapor barrier sheet, under foundations and floor as per drawings and specifications.	25	Sq.ft.	15	375	7	175	-53%	10	250	-33%
)1-	03 D82	Two coats of hot bitumen 10/20 of approved quality applied to all concrete surfaces in contact with earth as approved by the Engineer, complete in all respect as per drawings and specifications.	250	Sq.ft.	16	4,000	42	10,500	163%	25	6,250	56%
)1-	03 D83	Kanchan Arsenic filter Excavation and backfilling in all kinds of sub-surface materials upto following depths including disposal of surplus / rejected excavated materials to designated places. a) 0 ft to 5 ft	75	Cft.	12	900	13	975	8%	10	750	-17%
)1-	03 D84	Fill and backfill with selected materials including watering and compaction to every layer as per specification.	10280	Sali								
		a) From suitable excavated material (from stockpile of excavated materials) b) Obtained from outside sources (material / scorce)	50	Cft.	8	400	13	650	63%	175	8,750	2088%
		to be approved by the Engineer) upto free haulage limit.	100	Cft.	22	2,200	40	4,000	82%	250	25,000	1036%
11-	03 D85	Blinding concrete 1250 psi using slag cement conforming to BS-146	15	Cft.	243	3,730	199	3,055	-18%	185	2,840	-24%
11-	03 D86	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings and directed by the Engineer.										
		a) footing b) Columns up bottom first slab c) Slabs & projection e) Walls including chamfer etc.	25 20 35 80	Cft. Cft. Cft. Cft.	280 345 350 350	7,000 6,900 12,250 28,000	297 472 369 472	7,425 9,440 12,915 37,760	6% 37% 5% 35%	515 515 515 515	12,875 10,300 18,025 41,200	84% 49% 47% 47%

Item				Tallia and	Enginee	r's Estimate	M/s. AM	CORP Engg &	Const.	M/s.	WSKB & Comp	any
		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D101	to interior surfact types of opening	ement sand smooth trowelled plaster les of walls, including making of all as required for windows & door etc r, at any height with all scaffoldings	349	Sq.ft.	68	23,732	93	32,457	37%	40	13,960	-41%
01- 03 D102	exterior surfaces	cement sand plaster to specified smooth trowelled at any height with complete in all respect as shown on specifications.	466	Sq.ft.	63	29,358	85	39,610	35%	45	20,970	-29%
01- 03 D103	construction join	ing 10" wide rubber water stopper in ts in R.C.C. work complete in all er drawing and directed by the	44	Rft.	309	13,596	422	18,568	37%	1,250	55,000	305%
01- 03 D104	heavey duty co- liftring handle, m	ater tight (Round Type, 24") Pre-cast ver with M.S frame work, including aking good, complete in all respect on and as directed by the Engineer.	2	No.	5,600	11,200	5,280	10,560	-6%	8,000	16,000	43%
01- 03 D105		ng of malleable Iron rungs, etc. espects, as per drawing and directed	16	No.	2,390	38,240	3,300	52,800	38%	1,500	24,000	-37%
01- 03 D106	following depths rejected excavat	kinds of sub-surface materials upto s including disposal of surplus / ed materials to designated places as rected by the Engineer.	5,125	Cft.	12 15	61,500	13 20	66,625	8% 33%	10 15	51,250	-17% 0%
01- 03 D107	Blinding concre conforming to BS	te 1250 psi using slag cement 3-146	151	Cft.	243	36,693	199	30,049	-18%	185	27,935	-24%
01- 03 D108		onry wall from 13-1/2" to 31-1/2" n 1.4 cement sand mortar.	520	Cft	240	124,800	290	150,800	21%	410	213,200	71%
01- 03 D109	conforming to i Cylinder streng	ent concrete using slag cement 3S-146 having 3000 Psi (28 day th) in following structures as wings and directed by the Engineer.										
	Pre-cast R.C.C S	Slab	250	Cft	301	75,250	594	148,500	97%	515	128,750	71%
01- 03 D110		ned steel bars conforming to ASTM 0.as mentioned in drawings and ngineer:	0.57	Ton	142,289	81,105	114,385	65,199	-20%	125,000	71,250	-12%
01- 03 D111	heavey duty co- liftring handle, m	ater tight (Round Type, 24") Pre-cast ver with M.S frame work, including aking good, complete in all respect on and as directed by the Engineer.	6	No.	5,600	33,600	5,280	31,680	-6%	8,000	48,000	43%
01- 03 D112		ng of malleable Iron rungs, etc. spects, as per drawing and directed	18	No	2,390	43,020	3,300	59,400	38%	1,500	27,000	-37%
01- 03 D113		1/2" to 2" size gravel in trench spects, as per drawing and directed	150	Cft	40	6,000	85	12,750	113%	65	9,750	63%
	Total Cost	for External Development Rs.				8,174,324		12,806,043			10,272,077	

	TO THE WORLD		-		100 St. 100 P. 1	's Estimate		ORP Engg &	Const.	M/s. WS	KB & Comp	any
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
	core Cu/PVC insula insulated cable in 20 conduits and all ni ceiling rose, flexib (wherever required) approval by the Eng		1 84	Nos.	798	67,032	1,160	97,440	45%	2,600	218,400	226
e)	2 x 4 sq.mm 1 core core Cu/PVC insulat with cables, condu- sheet steel back bo	onduiting from DB to power socket outlet with Cu/PVC insulated cable + CPC 4 sq.mm de cable in 20 mm dia PVC conduit complete ts and all necessary accessories such as with earth connecting point bends, junction as per the specifications and drawings and neer.	5	Nos.	6,878	144,438	7,001	147,021	2%	3,200	67,200	-531
ŋ		it wiring between adjacent socket outlets with e Cu/PVC insulated cable + CPC 2.5 sq.mn		Nos.	352	6,336	388	6,984	10%	3,400	61,200	8661
g)		g from socket outlet to socket outlet with 2 cu/PVC insulated cable + CPC 2.5 sq.mm		Nos.	1,118	39,130	1,809	63,315	62%	2,800	98,000	1509
h)	sq.mm 1 core Cu/P Cu/PVC insulated ca cables, conduits an	ng from DB to water pump/LBS with 2 x 6 VC insulated cable + CPC 6 sq.mm 1 corruble in 25 mm dia PVC conduit complete with all necessary accessories such as bends ckets etc., as per the specifications and all by the Engineer.		Nos.	3,203	12,812	6,565	26,260	105%	5,600	22,400	759
		Sub- Total (Rs.				631,987		863,462			1,283,600	
	PARTA: LIGHT E	XTURES, FANS, SWITCHES, OUTLETS &	ACCE	SSOR	ES							
	fittings, ceiling /wall of fiber / plastic b holders, power fa earthing terminal, of manufacturer, fittings Fluorescent Light Th	testing and commissioning of following ligh mounted / with hanging arrangement made ody. Complete with electronic blast, lam clor correction capacitor, internal wiring omplete in all respects, as per approved shall be duly approved by Engineer. AS 015 with 1x36Watt TL-D lamp color 84 v										400
b.	electronic ballast. Fluorescent Light TI electronic ballast.	AS 015 with 1x18Watt TL-D lamp color 84 v	46	Nos.	2,058	94,668	2,183	100,418	21%	3,000	138,000	469
c.	STREET, STREET, ST.	S398 with 2x36Watt TL-D lamp color 84 with nic ballast.		Nos.	6,704	147,488	5,427	119,394	-19%	4,800	105,600	-289
d.	Fluorescent Light TO Louver & electronic	CS398 2x36Watt TL-D lamp color 84 with Menallast.	94	Nos.	6,778	637,132	6,286	590,884	-7%	3,950	371,300	-429
e.	Fluorescent Light Te electronic ballast.	SS 318 with 1x36Watt TL-D lamp color 84 w	16	Nos.	8,253	132,048	4,654	74,464	-44%	2,800	44,800	-66%
5-04E 6	sizes steel body, co	nd commissioning of ceiling fans of following mplete with capacitor, hanging rod, canopy s and bolts complete in all respects, fittings by Englineer.										
b.	56" dia. 48" dia. 36" dia.		15 57 1	Nos. Nos.	4,888 4,221 3,549	73,320 240,597 3,549	5,214 5,148 4,950	78,210 293,436 4,950	7% 22% 39%	4,800 4,200 3,600	72,000 239,400 3,600	-29 09 19
5-04E 7	rating, including 16 (with earth terminal	nmers in of following type gang switches of 10 Amp SWG sheet steel back box recessed in wal and 2 coats of antirust paint), complete in al iffications and drawings and approval by the										
ii) iii) iv)	One gang - 1 Way S Two gang - 1 Way S Three gang - 1 Way Four gang - 1 Way S One gang - Fan Dim	witch Switch witch	8 22 14 2 7	Nos. Nos. Nos. Nos.	415 551 693 830 1,591	3,320 12,122 9,702 1,660 11,137	274 370 471 572 1,078	2,192 8,140 6,594 1,144 7,546	-34% -33% -32% -31% -32%	450 550 650 750 1,200	3,600 12,100 9,100 1,500 8,400	8% 0% -6% -10% -25%

CP (in inspection Chamber) upply of earth connecting points in Earth pit / inspection namber consisting of copper plate 200mm long x 50mm wide x mm thick with necessary holes including all fixing accessories of ppper plates on the wall of main holes, brass nuts bolts, ashers & all necessary materials, complete in all respects. In pit / Inspection Chamber onstruction of Earth pit/ inspection chamber 375mmx375mmx mm deep with 150mm thick wall and 330mm x 330mm heavy ally RCC Cover, complete in all respects, as per specification. Setting of the earthing system with "Earth Tester" along with her testing accessories. Testing shall be performed in the esence of the Engineer and written test result duly verified by a Engineer shall be submitted to the Client for his record. Sub-Total (Rs.) ART-6: TELEPHONE / VOICE SYSTEM Selephone / Data Network Iring for each telephone point from Utility box to telephone point the Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alls, columns or above false ceiling or as required as per site necification. Iring for each data point from Utility box with Cat 6A UTP, to	2 2	Nos. Nos.	2,111 3,906	4,222 7,812 10,500 90,347	Rate (Rs.) 26,078 15,840	52,156 31,680	% Diff 1135% 306%	9,250 10,000	18,500 20,000	% Dill
upply of earth connecting points in Earth pit / inspection namber consisting of copper plate 200mm long x 50mm wide x mm thick with necessary holes including all fixing accessories of ppper plates on the wall of main holes, brass nuts bolts, ashers & all necessary materials, complete in all respects. arth pit / Inspection Chamber onstruction of Earth pit/ inspection chamber 375mmx/375mmx mm deep with 150mm thick wall and 330mm x 330mm heavy at RCC Cover, complete in all respects, as per specification. asting esting of the earthing system with "Earth Tester" along with her testing accessories. Testing shall be performed in the esence of the Engineer and written test result duly verified by a Engineer shall be submitted to the Client for his record. Sub-Total (Rs.) ART-6: TELEPHONE / VOICE SYSTEM belephone / Data Network iring for each telephone point from Utility box to telephone point th Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alis, columns or above false ceiling or as required as per site inditions, complete in all respects, as per drawing and pecification.		Nos.	2,111 3,906	4,222 7,812 10,500	26,078 15,840	52,156 31,680	1135% 306%	9,250	18,500	338
upply of earth connecting points in Earth pit / inspection namber consisting of copper plate 200mm long x 50mm wide x mm thick with necessary holes including all fixing accessories of ppper plates on the wall of main holes, brass nuts bolts, ashers & all necessary materials, complete in all respects. arth pit / Inspection Chamber onstruction of Earth pit/ inspection chamber 375mmx/375mmx mm deep with 150mm thick wall and 330mm x 330mm heavy at RCC Cover, complete in all respects, as per specification. asting esting of the earthing system with "Earth Tester" along with her testing accessories. Testing shall be performed in the esence of the Engineer and written test result duly verified by a Engineer shall be submitted to the Client for his record. Sub-Total (Rs.) ART-6: TELEPHONE / VOICE SYSTEM belephone / Data Network iring for each telephone point from Utility box to telephone point th Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alis, columns or above false ceiling or as required as per site inditions, complete in all respects, as per drawing and pecification.		Nos.	3,906	7,812	15,840	31,680	306%			
construction of Earth pit/ inspection chamber 375mmx375mmx mm deep with 150mm thick wall and 330mm x 330mm heavy tily RCC Cover, complete in all respects, as per specification. Setting esting esting of the earthing system with "Earth Tester" along with her testing accessories. Testing shall be performed in the essence of the Engineer and written test result duly verified by e Engineer shall be submitted to the Client for his record. Sub-Total (Rs.) ART-6: TELEPHONE / VOICE SYSTEM Delephone / Data Network iring for each telephone point from Utility box to telephone point th Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alls, columns or above false ceiling or as required as per site unditions, complete in all respects, as per drawing and escification.	1		подкожите	10,500		200		10,000	20,000	1561
esting system with "Earth Tester" along with her testing accessories. Testing shall be performed in the esence of the Engineer and written test result duly verified by e Engineer shall be submitted to the Client for his record. Sub-Total (Rs.) ART-6: TELEPHONE / VOICE SYSTEM slephone / Data Network iring for each telephone point from Utility box to telephone point the Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alis, columns or above false ceiling or as required as per site inditions, complete in all respects, as per drawing and secification.	1		подкожите	10,500		71.280				
Sub-Total (Rs.) ART-6: TELEPHONE / VOICE SYSTEM blephone / Data Network iring for each telephone point from Utility box to telephone point th Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alls, columns or above false ceiling or as required as per site anditions, complete in all respects, as per drawing and ecification.	*	300	10,500	100100000	71,200	11.200		30,000	30,000	1869
ART-6: TELEPHONE / VOICE SYSTEM elephone / Data Network iring for each telephone point from Utility box to telephone point th Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alls, columns or above false ceiling or as required as per site inditions, complete in all respects, as per drawing and inecification.				90,347		340,447	3/3/6	50,000	537,250	100
elephone / Data Network Iring for each telephone point from Utility box to telephone point th Cat 6 UTP in 20mm dia. PVC conduit recessed in slabs, alls, columns or above false ceiling or as required as per site anditions, complete in all respects, as per drawing and secification.			1			340,447			337,230	
iring for each data point from Utility box with Cat 6A UTP, to	230	R.ft	47	10,810	43	9,890	-9%	150	34,500	219%
ata point, including cost of 20mm dia. PVC conduit recessed in abs, walls, columns or above false ceiling or as required as per te conditions, complete in all respects as per drawing and pecification.	1200	R.ft	74	88,800	43	51,600	-42%	150	180,000	1039
iring from Utility box with Four pair Cat 6A UTP, to data patch anel, including cost of 20mm dia. PVC conduit recessed in abs, walls, columns or above false ceiling or as required as per te conditions, complete in all respects as per drawing and pecification.	150	R.ft	74	11,100	43	6,450	-42%	450	67,500	5085
upply, Installation of following telephone / data Outlet plate cluding RJ-45 I/Os and 16 SWG sheet steel back box recessed wall or wall surface, complete in all respects, as per drawings specifications and to the entire satisfaction of the Engineer, mplex Outlet RJ 45 uplex Outlet RJ 45	23	Nos.	1,145 1,801	26,335 5,403	1,098 2,097	25,254 6,291	-4% 16%	1,000 1,500	23,000 4,500	-139 -179
tility Box upply, Installation, testing and commissioning of Utility box, upplete in all respects, as per the specifications and drawings and to the entire satisfaction of the Engineer.	1	Nos.	15,750	15,750	6,600	6,600	-58%	6,000	6,000	-62%
atch Panel upply and installation of following Patch Panels complete in all spects as per the specifications and drawings and to the proval of the Engineer.		Nos	25 454	25 154	22 204	22 304	36%	25,000	25,000	-29%
elephone / Data Patch Cords upply and connecting of telephone 2 Pair drop cord complete in respects as per the specifications and drawings and to the	·	1403.	55,154	33,134	22,004	22,004				
tire satisfaction of the Engineer, upply and connecting of data CAT 6A patch cord complete in all spects as per the specifications and drawings and to the entire tisfaction of the Engineer.	5	Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	1329%
meter long meter long	24 24	Nos. Nos.	935 1,391	22,440 33,384	800 1,155	19,200 27,720	-14% -17%	750 1,000	18,000 24,000	-20% -28%
mmunication Rack upply installation of 15U Data racks for the fixing of 12 port rack ounted 19" CAT-6A UTP Patch Panel with cable organizer cluding all installation accessories as per specification complete all respect to the approval of engineer.	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-479
plephone Sets upply and connection of following type of Telephone sets. plephone with CLI Module lephone without CLI Module	2	Nos.	4,568 3,045	9,136 9,135	2,376 1,980	4,752 5,940	-48% -35%	3,000 5,000	6,000 15,000	-349 649
and the state of t	ta point, including cost of 20mm dia. PVC conduit recessed in ibs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Iring from Utility box with Four pair Cat 6A UTP, to data patch nel, including cost of 20mm dia. PVC conduit recessed in ibs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Ipply, Installation of following telephone / data Outlet plate luding RJ-45 IOs and 16 SWG sheet steel back box recessed wall or wall surface, complete in all respects, as per drawings specifications and to the entire satisfaction of the Engineer. Inplex Outlet RJ 45 illity Box Ipply Installation, testing and commissioning of Utility box, mplete in all respects, as per the specifications and drawings do to the entire satisfaction of the Engineer. Inch Panel Ipply and installation of following Patch Panels complete in all spects as per the specifications and drawings and to the proval of the Engineer. Port Patch Panel Imply and connecting of telephone 2 Pair drop cord complete in respects as per the specifications and drawings and to the ply and connecting of telephone 2 Pair drop cord complete in respects as per the specifications and drawings and to the irrespects as per the specifications and drawings and to the litre satisfaction of the Engineer. Imply and connecting of data CAT 6A patch cord complete in all spects as per the specifications and drawings and to the entire isfaction of the Engineer. Inter long memorization Rack population of the Engineer of the	ta point, including cost of 20mm dia. PVC conduit recessed in ibs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. 1200	ta point, including cost of 20mm dia. PVC conduit recessed in bs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Iring from Utility box with Four pair Cat 6A UTP, to data patch nel, including cost of 20mm dia. PVC conduit recessed in bs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Ipply, Installation of following telephone / data Outlet plate cluding RJ-45 IOs and 16 SWG sheet steel back box recessed wall or wall surface, complete in all respects, as per drawings specifications and to the entire satisfaction of the Engineer. Inplex Outlet RJ 45 Ility Box Ipply installation, testing and commissioning of Utility box, mplete in all respects, as per the specifications and drawings do to the entire satisfaction of the Engineer. In the Panel Ipply and installation of following Patch Panels complete in all spects as per the specifications and drawings and to the proval of the Engineer. Port Patch Panel Imply and connecting of telephone 2 Pair drop cord complete in respects as per the specifications and drawings and to the tire satisfaction of the Engineer. In the Panel poly and connecting of data CAT 6A patch cord complete in all spects as per the specifications and drawings and to the entire inference of the Engineer. In the Panel poly and connecting of data CAT 6A patch cord complete in all spects as per the specifications and drawings and to the entire inference of the Engineer. In the Panel poly and connecting of data CAT 6A patch cord complete in all spects as per the specifications and drawings and to the entire inference of the Engineer. In the Panel poly installation of 15U Data racks for the fixing of 12 port rack punted 19" CAT-6A UTP Patch Panel with cable organizer luding all installation accessories as per specification complete all respect to the approval of engineer. In Nos. In the CAT-6A UTP Patch Panel with cable organ	ta point, including cost of 20mm dia. PVC conduit recessed in this, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Iring from Utility box with Four pair Cat 6A UTP, to data patch net, including cost of 20mm dia. PVC conduit recessed in the conditions, complete in all respects as per drawing and ecification. Iting from Utility box with Four pair Cat 6A UTP, to data patch net, including cost of 20mm dia. PVC conduit recessed in the conditions, complete in all respects as per drawing and ecification. Iting from Utility box with Four pair Cat 6A UTP, to data patch net, including cost of 20mm dia. PVC conduit recessed in the conditions, complete in all respects as per drawing and ecification. Iting from Utility box of the Engineer of the Engineer of the Engineer. Iting from Utility Box of the Engineer of the Engine	ta point, including cost of 20mm dia. PVC conduit recessed in bs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. 1200 R.ft 74 88.800 ring from Utility box with Four pair Cat 6A UTP, to data patch net, including cost of 20mm dia. PVC conduit recessed in bs, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. 150 R.ft 74 11,100 pply. Installation of following telephone / data Outlet plate fluding RJ-45 IOs and 16 SWG sheet steel back box recessed wall or wall surface, complete in all respects, as per drawings specifications and to the entire satisfaction of the Engineer. 150 R.ft 74 11,100 pply. Installation, testing and commissioning of Utility box, mplete in all respects, as per the specifications and drawings d to the entire satisfaction of the Engineer. 150 R.ft 74 11,100 pply. Installation, testing and commissioning of Utility box, mplete in all respects, as per the specifications and drawings and to the proval of the Engineer. 150 R.ft 74 11,100 pply. Installation of following Patch Panels complete in all spects as per the specifications and drawings and to the proval of the Engineer. 150 R.ft 74 11,100 pply and connecting of telephone 2 Pair drop cord complete in all spects as per the specifications and drawings and to the tire satisfaction of the Engineer. 150 R.ft 74 11,100 pply and connecting of telephone 2 Pair drop cord complete in all spects as per the specifications and drawings and to the tire satisfaction of the Engineer. 150 R.ft 74 11,100 pply and connecting of telephone 2 Pair drop cord complete in all spects as per the specifications and drawings and to the entire satisfaction of the Engineer. 150 R.ft 74 11,100 pply and connecting of telephone 2 Pair drop cord complete in all spects as per the specifications and drawings and to the entire satisfaction of the Engineer. 151 R.ft 74 11,100 pply and connecting of telephone 2 P	ta point, including cost of 20mm dia. PVC conduit recessed in bits, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Iring from Utility box with Four pair Cat 6A UTP, to data patch heli, including cost of 20mm dia. PVC conduit recessed in bits, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. In phy, Installation of following telephone / data Outlet plate reliabling R1-45 IOs and 16 SWG sheet steel back box recessed in decifications and to the entire satisfaction of the Engineer. In phy, Installation of following telephone / data Outlet plate reliabling R1-45 IOs and 16 SWG sheet steel back box recessed in decifications and to the entire satisfaction of the Engineer. In phy, Installation, testing and commissioning of Utility box, mplete in all respects, as per the specifications and drawings and to the entire satisfaction of the Engineer. In phy and installation of following Patch Panels complete in all spects as per the specifications and drawings and to the proval of the Engineer. In phy and connecting of telephone 2 Pair drop cord complete in respects as per the specifications and drawings and to the proval of the Engineer. In port Patch Panel Immunication Rack Poly and connecting of data CAT 6A patch cord complete in all spects as per the specifications and drawings and to the entire isfaction of the Engineer. In port Patch Panel In port Pat	ta point, including cost of 20mm dia. PVC conduit recessed in this, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. Tring from Utility box with Four pair Cat 6A UTP, to data patch nel, including dost of 20mm dia. PVC conduit recessed in bis, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ecification. To ply, Installation of following telephone / data Outlet plate luding RJ-45 lOs and 16 SWG sheet steel back box recessed will or wall surface, complete in all respects, as per drawings specifications and to the entire satisfaction of the Engineer. The place Victor RJ 45 To	ta point, including cost of 20mm dia. PVC conduit recessed in bis, walls, columns or above false ceiling or as required as per e conditions, complete in all respects as per drawing and ceilification. 1200 R.ft 74 88.800 43 51,600 42% 1200 R.ft 74 88.800 43 51,600 43 1200 R.ft 74 88.800 43 51,600 43 1200 R.ft 74 88.800 A.ft 74	ta point, including cost of 20mm dia. PVC conduit recessed in bis, walls, columns or above false ceiling or as required as pere conditions, complete in all respects as per drawing and ecification. If you have been described by the conduit recessed in bis, walls, columns or above false ceiling or as required as pere conditions, complete in all respects as per drawing and ecification. If you have been described by the conduit recessed in bis, walls, columns or above false ceiling or as required as pere conditions, complete in all respects as per drawing and ecification. If you have been described by the conduit recessed in the conditions, complete in all respects as per drawing as pere conditions, complete in all respects, as per drawing as pere conditions, complete in all respects, as per drawing as pere conditions and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the Engineer. If you have been described by the conditions and drawings and to the entire satisfaction of the En	ta point, including cost of 20mm dia. PVC conduit recessed in biss, walls, columns or above false ceiling or as required as per econditions, complete in all respects as per drawing and conficient on. In a confidence of the Engineer. In the Panel popty and connecting of telephone 2 Pair drop cord complete in all precisa sper the specifications and drawings and to the entire satisfaction of the Engineer. In Nos. 35.154 It applies to the Panel popty and connecting of telephone 2 Pair drop cord complete in all precisas per the specifications and drawings and to the entire satisfaction of the Engineer. In Nos. 35.154 It applies to the Panel popty and connecting of telephone 2 Pair drop cord complete in all precisas per the specifications and drawings and to the entire satisfaction of the Engineer. In Nos. 35.154 It applies to the Panel popty and connecting of telephone 2 Pair drop cord complete in respect as per the specifications and drawings and to the entire satisfaction of the Engineer. In Nos. 935 It applies to the Panel popty and connecting of telephone 2 Pair drop cord complete in respect as per the specifications and drawings and to the entire satisfaction of the Engineer. 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				Engineer	's Estimate	M/s. AMC	ORP Engg 8	Const.	M/s. WS	SKB & Comp	any
Item	Item Description	QTY	Unit	Rate	Amount	Rate	Amount	% Diff	Rate (Rs.)	Amount	% Dif
90000				(Rs.)	(Rs)	(Rs.)	(Rs)			(Rs)	
a)	Wiring & Conduiting Circuit Wiring and conduiting from DB to first light point with 1 x 4 sq.mm 3 core CulPVC insulated cable in 20 mm. dia PVC conduit, complete with cables for external lighting, conduits and all necessary accessories such as connectors, ceiling rose, flexible wires/conduits, sheet steel boxes etc. (wherever required) as per the specifications and drawings and approval by the Engineer. Same as item (h) but wiring from light point to light point.		Nos.	6,090 3,917	24,360 31,336	4,860 2,956	19,440 23,648	-20% -25%	5,600 4,000	22,400 32,000	-8 2'
	Sub- Total (Rs.)				156,496		95,098			142,400	
					100,100		20,000			7,104,100	
	PART -11 MISCELLANEOUS WORKS Cable TV System Supply, installation, testing and commissioning of RG-6 co-axial cable wiring for Cable TV system from U-link Box to TV outlet complete in all respects, as per the specifications and drawings and approval by the Engineer.		Rft.	84	3,780	48	2,160	-43%	400	18,000	3765
	Outlets Supply, installation testing and commissioning of cable TV outlet along with 16 SWG back box having earth terminals and 2 coats of antirust paint, complete in all respects, as per the specifications and drawings and approval by the Engineer.		Nos.	4,751	4,751	525	525	-89%	6,500	6,500	375
	Manholes Construction of water tight concrete handhole / cable chamber with Heavy duty RCC cover with lifting hooks and these words "ELECTRICAL CABLES" written with paint on cover. Complete in all respect as per drawing and specification. Sizes of Manhole are as under.	2000		SZINCODK		3407.400400		15001100	0.000000		
1)	1'-6" x 1'-6" x 2'-6" deep	5	Nos.	14,138	70,690	12,144	60,720	-14%	5,000	25,000	-65"
а)	Utility / PTCL Connection Supply and co-ordination for the utility connection from WAPDA / HESCO as per required electrical load demand. The utility connection charges shall be paid separately as per actual on submission of receipt.		Job	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	26219
2000	Supply and co-ordination for the telephone connection from PTCL as per required demand. The telephone connection charges shall be paid separately as per actual on submission of receipt.	1	Job	21,000	21,000	19,800	19,800	-6%	300,000	300,000	13299
	Sub- Total (Rs.)				136,971		215,205			1,349,500	
	PART -12 SOLAR ROOM ELECTRIFICATION WORKS		Ĺ								
	LIGHT FIXTURES Supply, Installation, testing and commissioning of following light fittings, ceiling /wall mounted made of fiber / plastic body. Complete with electronic blast, lamp holders, power factor correction capacitor, internal wiring, earthing terminal, complet Fluorescent Light TCW098 with 1x36Watt TL-D lamp color 84 &										
	electronic ballast (IP65).	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%
b.	Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9.200	-319
	Switches & Fan Dimmers Supply and installation of following type gang switches of 10 Amp rating, including 16 SWG sheet steel back box recessed in wall (with earth terminal and 2 coats of antirust paint), complete in all respect, as per specifications and drawings and approval Four gang - 1 Way Switch		Nos.	830	830	572	572	-31%	750	750	-10%
	SOCKETS Supply, installation, testing & commissioning of following type socket outlet including 16 SWG sheet steel back box of top quality recessed in wall (with earth terminal and 2 coats of antirust paint), complete in all respects, as per specifications and drawings and approval by the Engineer. 13A, 3-pin Duplex Switch Socket outlet.		Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-49

			SERVE	1 42	Enginee	r's Estimate	M/s. AMCC	RP Engg &	Const.	M/s. W	SKB & Con	npany
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Dif
	DIL LIMBING MODE	e (BUIL BING)			(1,32.0)	(14)		,,,,,		,,,,,	,,,	
	PLUMBING WORK PLUMBING FIXTUR											1
		ation of plumbing fixtures & faucets										1
		ects including all accessories, support, to use as per specifications, drawings										
	and instructions of C		ĺ							- 1		
04 0504	F	tod and a state of the state of										
01-05P1		iled water closet with seat cover, flush lated) connector, thimble, etc.										
	a. Type - EWC		7	No.	13,150	92,050	15,114	105,798	15%	18500	129,500	419
01-05P2	Asian style water c	loset Orissa type with flush tank C.P.										
	(chrome plated) co	nnector, uPVC Class "E" flush pipe,			-25000000000000000000000000000000000000	11,700,000,000,000	30000 1000					
	thimble, P-Trap, etc.		22	No.	11,725	257,950	5,676	124,872	-52%	10000	220,000	-159
	double bib cock bras		20	No.			1,320	26,400		2600	52,000	
01-05P3b	single bib cock brass	s, chromium plated	4	No.			924	3,696		1400	5,600	
01-05P4	Wash basin (WB) ii	ncluding C.P P- trap/Bottle Trap, stop								- 1		
	cocks, etc.	TANK OF					20.200		2501		222 222	
	i. With half or full pe	edestal	17	No.	12,150	206,550	15,127	257,159	25%	14000	238,000	159
01-05P5	Wash basin hot and	cold water mixer, waste, etc for WB	20	No.			2,640	52,800		2800	56,000	
04 0506	Toilet Hand Shower	with flexible chain & telephone type										
01-05-0		stop cock complete in all respect.								4 4		
	Type - TS	**	29	No.	3,285	95,265	1,980	57,420		1000	29,000	
01-05P7	Stoigloss steel lab	sink including stop cocks, P-trap, Bottle										
01-05F7		complete in all respects.	ĺ									
		gle bowl and single drainer.	4	No.	19,440	77,760	14,454	57,816		10500	42,000	
04 0500	Ciple has and said up	tor miner ate for following										
U1-U5P8	a. For SK-1	ter mixer, etc, for following.	4	No.			3,960	15,840		2000	8,000	
	- CONT. 2. NO. 10 CONT. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		~	A4860			935000			G85,000		
01-05P9	S.S Grease Trap connections.	7.5 Kg. capacity, inlet/outlet 2" Dia	4	No.			3,300	13,200		16500	66,000	
	connections.		2	IVO.			3,300	13,200		70500	00,000	
01-05P10		omplete set, (Imported make)	- 00	11270	2015/20	P27/201/4/9		7114222		7,000		
	 Soap dispenser Toilet paper holde 	•	7 29	No.	440 870	3,080 25,230	660 858	4,620 24,882	50% -1%	1000 650	7,000 18,850	1279
	iii. Coat Hook		7	No.	195	1,365	924	6,468	374%	600	4,200	2085
	iv. Mirror 5mm (Belg	jium)	120	Sft	1,100	132,000	858	102,960	-22%	650	78,000	-419
	v. Paper Rack		7	No.	1,890	13,230	1,320	9,240	-30%	600	4,200	-685
		Sub- Total (Rs.)				904,480		863,171			958,350	
	Plumbing Water Su	pply										
01-05P11		ting and testing Polypropylene Random										
		are pipe for water supply as per DIN as and DIN 16962,PN25 for fittings										
		oints) inside building including fittings										
		ets, tees, elbows, bends, crosses,										
		lugs and union etc.) supported on walls oof slab or run in chases including pipe										
	PROVINCES UND VIOLENCE AND VIOLENCE OF	cutting and making good the chases &										
	holes complete in all									400		
	i) ½" internal dia (20 i		50	Rft.	130	6,500	87 171	4,350	-33% -5%	100	5,000	-239
	ii) %" internal dia (32 iii) 1" internal dia (40		400 550	Rft.	180 330	72,000 181,500	257	68,400 141,350	-22%	150	82,500	-55%
	iv) 1¼" internal dia (5		155	Rft.	405	62,775	400	62,000	-1%	175	27,125	-579
	v) 1½" internal dia (6	33 mm outer dia)	230	Rft.	585	134,550	639	146,970	9%	200	46,000	-669
	vi) 2" internal dia (75	Discourage of the second of th	Rate only	Rft.			858			250		
	vii) 21/3" internal dia (1	90 mm outer dia)	Rate only	Rft.			1,122			300		
	ALVERTANCE SERVICE CONTROL OF THE	ng gate/ball valves, Kitz or approved										
		cluding jointing ,fitting, painting, testing, acts to match with following PPRC pipe										
	diameters.	to mater was restowing FFRC pipe										
	i) ¾" internal dia (32	mm outer dia)	2	No	1,630	3,260	3,706	7,412	127%	750	1,500	-549
	ii) 1" internal dia (40	44 4 5 4 6 4 5 5 5 5 5 5 5 6 5 6 5 6 5 6	6	No	3,190	19,140	4,330	25,980	36%	1000	6,000	-69%
- 1	iii) 1¼" internal dia (5	TO 10 10 10 10 10 10 10 10 10 10 10 10 10	4	No	4,670	18,680	6,600	26,400	41% 65%	1200	4,800	-749 -799
- 1			2	No	7,075	14,150	11,708	23,416	0076	1.500	3,000	-197
	iv) 1½" internal dia (v) 2" internal dia (75	일을 하고 말 먹을 보지 않았다고 하는데	Rate only	No			15 906			2000	-	
	v) 2" internal dia (75 vi) 2" internal dia (75 vi) 2%" internal dia (9	mm outer dia)	Rate only Rate only	No No			15,906 40,788			2000 2500		

		20120	100	100	Engineer	r's Estimate	M/s. AMC	ORP Engg &	Const.	M/s. W	SKB & Con	npany
Item		Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
					(rcs.)	(Na)		(143)		(11.0.)	(iva)	
	Kanchan Arsenic	Filter										
	Filter Material.											
01-05P23		gravel, including screening and washing irected by the Engineer.										
	Gravel size 6 mm to		21.13	Cft	70	1,479	99	2,091	41%	1500	31,688	2043%
			G-CANATA		100000	10 Table 200	10.00	100401817.1				ACREVITABLE
01-05P24		coarse sand, including screening and	75,000		322		00			2000	04 500	04000
	wasning as per dra	wing or directed by the Engineer.	42.25	Cft	80	3,380	86	3,634	8%	2000	84,500	2400%
01-05P25	Providing & laying	fine sand, including screening and	NAME OF THE OWNER, OWNE	SE 1753	Declaration of the last of the	Location	1986	2000000				38 65 800
	washing as per dra	wing or directed by the Engineer.	42.25	Sq.ft.	90	3,803	79	3,338	-12%	1500	63,375	1567%
01-05P26	Providing & fixing N	I.S sheet 1/4" thick, 1/8" Dia hole 2 inch							1 1	1 1		
	c/c (Diffuser Plate), as per drawing or directed by the	1,000,000	121727		1227227						
	Engineer.		37.24	Sq.ft.	1,600	59,584	1,142	42,528	-29%	1000	37,240	-38%
01-05P27	Providing & laying	Dry rammed brick ballast 1-1/2" to 2"								1 1		
		guage, including screening and washing				550	100	007	770/	2000	40 620	3233%
	as per drawing or d	rected by the Engineer.	9,31	Cft.	60	559	106	987	77%	2000	18,620	3233%
01-05P28	Providing & laying i	ron nails with out coating (1" thick layer)			Secondar		Services	A44444-0-04	in a real			
	as per drawing or d	rected by the Engineer.	125	Kg.	215	26,875	297	37,125	38%	100	12,500	-53%
01-05P29	Providing & fixing of	over over Kanchan Filter of PVC sheet										
		awing or directed by the Engineer.	31.92	Sq.ft.	865	27,611	1,135	36,229	31%	450	14,364	-48%
01-05P30	Ossaidina tarina	uting injeting tecting and disinfecting										
01-05P30		cutting, jointing, testing and disinfecting og plastic shower heads with all fittings										
	complete in all resp	pects as per drawing or directed by the										
	Engineer. i) ¼" internal dia (32	mm outer dia)	23	Rft.	180	4,140	363	8,349	102%	150	3,450	-17%
				20130-0	ADSTON	50000000	817/1967/1960	SIGN COVERS	52000000	30000		1000
01-05P31	Providing and fixing	Plastic Shower Heads	9	Nos	705	6,345	1,980	17,820	181%	650	5,850	-8%
	Tube Well / Penum	atic Pump										
01-05P32		in all types of soil except shingle and level to 100 ft (30m) Depth, including										
		awing of casing pipe, complete in all										
		cted by the Engineer.	1960000	il some	A10-10-1		NATIONAL CO.	(telephone and printer)				
	i) 8"i/d (200mm)		100	Rft.	355	35,500	1,584	158,400	346%	2000	200,000	463%
01-05P33		in all types of soil except shingle and								1 1		
		of 100.1 to 200ft (30 to 60 m) below ing sinking and withdrawing of casing										
		all respect and as directed by the								1 1		
	Engineer. i) 8*i/d (200mm)		50		425	24 750	1 716	0E 900	2049/	2000	100,000	360%
			50	Rft.	435	21,750	1,716	85,800	294%	2000	100,000	360%
01-05P34		illing P.V.C. bail/End plug B.S.S. class e hole, complete in all respect and as										
	directed by the Engi											
	i)2" i/d (100mm)		1	Each:	200	200	660	660	230%	3500	3,500	1650%
01-05P35		ling P.V.C. blind pipe B.S.S Class 'D' in										
		, including sockets and solvents and er, etc. complete in all respect and as										
	directed by the Engi											
	i) 1" i/d(25mm)		Rate only	Rft.	Liver I	0	86		2500	75		112320
	ii) 1-1/4" i/d(30mm)		150 40	Rft.	160 200	24,000 8,000	185 264	27,750 10,560	16% 32%	100	15,000 6,000	-38% -25%
	iii) 2" 1/d/50mm)		40	Rft.	200	0,000	204	10,500	32.76	150	0,000	-23%
	iii) 2" i/d(50mm)								1 1			
01-05P36	Providing and insta	illing P.V.C. strainer B.S.S Class 'D' in							1 1			
01-05P36	Providing and insta tubewell bore hole	illing P.V.C. strainer B.S.S Class 'D' in including sockets and solvents; etc, ect and as directed by the Engineer.										
01-05P36	Providing and insta tubewell bore hole	, including sockets and solvents; etc.,	40	Rft.	200	8,000	396	15,840	98%	150	6,000	-25%
200000000000000000000000000000000000000	Providing and insta tubewell bore hole complete in all resp i)2" Vd(50mm)	, including sockets and solvents; etc.,	40	Rft.	200	8,000	396	15,840	98%	150	6,000	-25%
	Providing and instatubewell bore hole complete in all respiritors Vd(50mm) Providing and instatubewell bore hole	including sockets and solvents; etc, ect and as directed by the Engineer. ling P.V.C. blind pipe B.S.S. Class 'D' in , including sockets and solvents and	40	Rft.	200	8,000	396	15,840	98%	150	6,000	-25%
	Providing and instatubewell bore hole complete in all respirite in all respirite. Widsomm) Providing and instatubewell bore hole jointing with strainer.	including sockets and solvents; etc, ect and as directed by the Engineer. ling P.V.C. blind pipe B.S.S Class 'D' in	40	Rft.	200	8,000	396	15,840	98%	150	6,000	-25%
	Providing and instatubewell bore hole complete in all respiritors Vd(50mm) Providing and instatubewell bore hole	including sockets and solvents; etc, ect and as directed by the Engineer. ling P.V.C. blind pipe B.S.S. Class 'D' in , including sockets and solvents and	40	Rft.	200	8,000 27,600	396 594	15,840 35,640	98% 29%	150	6,000	-25% 9%
akangsa st	Providing and instatubewell bore hole complete in all respinor? Vd(50mm) Providing and instatubewell bore hole jointing with strainer by the Engineer. i) 4" i/d (100mm)	including sockets and solvents; etc, ect and as directed by the Engineer. ling P.V.C. blind pipe B.S.S. Class 'D' in including sockets and solvents and	40	5-1877C	100000	Manual Company						

SECTION - 5 PLUMBING WORKS

SINDH BASIC EDUCATION PROGRAM GBLS PULL 97 TALUKA QUBO SAEED KHAN

		4.	3.91	Enginee	r's Estimate	M/s. AMCC	RP Engg &	Const	M/s. V	/SKB & Con	npany
Item	Item Description	QTY	Unit	Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01-05P47	Construction of rectangular brick masonry manhole of 2'x2' for sewer complete with plastering from internal and external side, PCC 1:2:4 base slab, benching with 1:3 cement sand mortar including 18" dia manhole cover and frame, rungs, complete as per drawings.	10	No.			33,000	330,000		7500	75,000	
	Providing and constructing gully trap of size 6" x 6" at locations shown on drawings with cover, complete in all respects.	2	No.			6,600	13,200		4500	9,000	
01-05P48	Providing and fixing Clean Out complete in all respects	1	No.			3,300	3,300		2000	2,000	
)1-05P49	Water Supply Pump For GST Supply at site, installation, testing and commissioning of water supply reciprocating pump with 2HP motor as per spacification complete in all respect.	2	No	40,045	80,090	198,000	396,000	394%	76000	152,000	90%
	Sub- Total (Rs.)				834,240		1,776,769			1,507,237	
	Total Cost for Plumbing Works Rs.				2,984,250		4,066,353			3,229,762	

BID EVALUATION REPORT

(In compliance to Rule 45 of SPP Rules 2010)

1.	Name of Procuring Agency:	Program Management & Implementation Unit, Sindh Basic Education Program, Education & Literacy Deptt. Govt. of Sindh
2.	Tender Reference No:	Package No. SBEP-P11-QSK-II
3.	Tender Description/Name of Work/Item:	Package-11: Construction of Eight (08) Schools in District Qambar Shahdadkot (Taluka Qambar, Miro Khan & Sujawal Junejo),
4.	Method of Procurement:	Single Stage One Envelope Procedure (Post-Qualification)
5.	Tender Published:	Tender published in Daily Dawn (English) dated 31st March 2016, Daily Jang (Urdu) dated 1st April 2016 & Daily Kawish Hyderabad (Sindhi) dated 2nd April 2016 respectively.
6.	Total Bid documents issued:	Uploaded on SBEP & SPPRA Websites
7.	Total Bids Received:	03
8.	Technical Bid Opening date (if applicable):	N/A
9.	No of Bids Technically qualified (if applicable):	N/A
10.	Bid(s) Rejected:	01
11.	Financial Bid Opening date:	9th May 2016 at 03:30 PM

12. Bid Evaluation Report:

S #	Name of Firm or Bidder	Cost Offered by Bidder (PKR)	Ranking in terms of cost	Comparison with Estimated Cost	Reasons for acceptance/ rejection	Remarks
1	M/s. Kaimkhani & Brothers (KKB)	591,715,509/-	1st Lowest	3.57% below	Ist lowest evaluated Bidder but Technically Disqualified.	Non Responsive & Rejected
2	M/s. AMCORP Engineering & Construction (Pvt.) Ltd.	651,080,130/-	2 nd Lowest	5.01% above	2 nd lowest evaluated, responsive & Technically Qualified Bidder	Recommended for award of work
3	M/s. WSKB & Company	768,006,194/-	3 rd	25.16% above	3 rd lowest evaluated responsive Bidder but higher rates	

Rehan Iqbal Baloch

Addl. Secretary (GA/C) E&L Deptt. Govt. of Sindh

(Member, Procurement Committee) (Member, Procurement Committee)

Chowdhry Muhammad Ali

Director (Road Planning, Designing & Asset Management) Road Sector Development, Directorate of W&S Deptt, GoS

Sohail Shamim Siddiqui

Chief of Party,

M/s. Halcrow Pakistan (Pvt.) Ltd.

(Co-Opted Member)

Rafique Ahmed Buriro

Program Director, PMIU-SBEP

E&L Deptt. Govt. of Sindh

(Chairman, Procurement Committee)

SINDH BASIC EDUCATION PROGRAM

CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS

Package-11: Construction of Eight (08) Schools in District Qambar-Shahdadkot (Taluka Qambar, Miro Khan & Sajawal Junejo) COMPARATIVE STATEMENT OF BIDS

SUMMARY OF TENDERED COST

									00	7	6	5	4	w	2	1	No S.
FINAL BID PRICE (Rs.)	Adding Provisional Sum in the bid price of 2 nd Lowest & Technically Qualified Bidder M/s. AMCORP Engineering & Construction (Pvt.) Ltd	Amount after Rebate (Rs.)	Rebate %	Rebate offered (if any) (Rs.)	Net Cost of School Buildings	Subtracting amount of Provisional Sum (for comparison)	Total Cost of School Buildings:	Day Work Cost (All Schools):	GBPS THOOF CHAUSOOL, TALUKA SEJAWAL JUNEJO	GGMS ARZI BHUTTO, TALUKA SEJAWAL JUNEJO	GBHS BHAMBHO KHAN CHANDIO TALUKA MIRO KHAN	GBMS MEERAN MACHI, TALUKA MIRO KHAN	GGPS KHAIRO GADHI, TALUKA MIRO KHAN	GBPS NOOR MUHAMMAD SUPRO TALUKA QAMBER	GBPS SABU BURIRO, TALUKA QAMBER	GBHS WALI DAD MUGHERI, TALUKA QAMBER	SCHOOL NAME
619,996,336	6,400,000	613,596,336			613,596,336	(6,400,000)	619,996,336	4,394,845	76,404,355	75,378,775	85,876,998	74,740,644	75,423,808	75,572,003	75,698,828	76,506,078	Engineer's Estimate
/ /	N	591,715,509	2.50%	15,172,193	606,887,701	(6,400,000)	613,287,701	704,970	76,160,342	75,166,658	85,356,818	74,387,744	75,014,992	75,155,425	75,297,767	76,042,985	M/s. Kaimkhani & Brothers
		-3.57%			-1.09%		-1.08%	-83.96%	-0.32%	-0.28%	-0.61%	-0.47%	-0.54%	-0.55%	-0.53%	-0.61%	%age Diff
		768,006,194	0.50%	3,859,328	771,865,522	(6,400,000)	778,265,522	4,462,585	96,742,130	94,330,662	107,949,930	92,765,380	92,684,451	93,311,073	93,773,818	102,245,492	M/s. WSKB & Company
		25.16%			25.79%		25.53%	1.54%	26.62%	25.14%	25.70%	24.12%	22.88%	23.47%	23.88%	33.64%	%age Diff
651,080,130 5.01%	6,400,000	644,680,130			644,680,130	(6,400,000)	651,080,130	2,631,353	80,852,501	80,080,000	91,126,507	78,801,887	78,640,183	78,930,105	79,363,860	80,653,734	M/s. AMCORP Engg & Const.
5.01%		5.07%			5.07%		5.01%	-40.13%	5.82%	6.24%	6.11%	5.43%	4.26%	4.44%	4.84%	5.42%	%age Diff

E&L Deptt. Govt. of Sindh Addl. Secretary (GA/C) Rehan Iqbal Baloch

(Member, Procurement Committee)

Chowdhry Muhammad Ali

Director (Road Planning, Designing & Asset Management) Road Sector Development, Directorate of W&S De (Member, Procurement Committee)

> M/s. Halcrow Pakistan (Pvt.) Ltd. Schail Shamim Siddiqui Chief of Party,

(Co-Opted Member)

Program Director, PMIU-SBEP Rafique Ahmed Buriro

(Chairman, Procurement Committee) E&L Deptt. Govt. of Sindh

Sindh Basic Education Program - SBEP

Package-11: Construction of Eight (08) Schools in District Qambar-Shahdadkot (Taluka Qambar, Miro Khan & Sajawal Junejo) Bid Reference No: SBEP-P11-QSK-II

Bid Evaluation Report

Result Summary-Detailed Technical Evaluation of Bids

Minimum Qualification Criteria = Equal to or above 50% marks in each category & 70% Cumulatively

																	7	
Technically qualified & capable to perform Contract	83.58	PASS	9.00	3.50	1.00	2.00	2.50	PASS	10.00	PASS	23.00	PASS	25.00	PASS	16.58	Provided	M/s. AMCORP Engineering & Construction (Pvt) Limited (Farmerly Al-Mumtaz Corporation)	2
Technically dis-qualified & incapable to perform Contract	34.33	FAIL	2.00	1.00	0.00	0.00	1.00	FAIL	0.50	PASS	13.50	FAIL	8.33	PASS	10	Provided	M/s. Kaimkhani & Brothers (KKB)	1
	100	7.5	15	5	2	3	5	5	10	12.5	25	15	30	10	20			
	outo			marks	marks marks marks	marks	marks	min >50%	marks	marks min >50% marks min >50% marks min >50% marks min >50%	marks	min >50%	marks	min >50%	marks			
Remarks	Marks		Total min Obtained >50%		Gen Material HSE Work Sources Plan	Gen Work Plan	QA/ QC Plan	Euipment Capabilities\	Сар	Personnel Capabilities	Cat Pe	Record	R XF	Financial Soundness	Sol	Mandatory	Name of Company	D _{oc}
				Other Factors	Other													
																		I

(Member, Procurement Committee) E&L Deptt. Govt. of Sindh Addl. Secretary (GA/C) Rehan Iqbal Baloch

Road Sector Development, Directorate of W&S Deptt, GoS Director (Road Planning/Designing & Asset Management) (Member, Procurement Committee) Choudhry/Muhammad Ali

M/s. Halcrow Pakistan (Pvt.) Ltd. Sohail Shamim Siddiqui (Co-Opted Member) Chief of Party,

(Chairman, Procurement Committee) Program Director, PMIU-SBEP E&L Deptt. Govt. of Sindh Rafique Ahmed Buriro

BID EVALUATION REPORT

(In compliance to Rule 45 of SPP Rules 2010)

1.	Name of Procuring Agency:	Program Management & Implementation Unit, Sindh Basic Education Program, Education & Literacy Deptt. Govt. of Sindh
2.	Tender Reference No:	Package No. SBEP-P12-QSK-III
3.	Tender Description/Name of Work/Item:	Package-12: Construction of Six (06) Schools in District Qambar Shahdadkot (Taluka Shahdadkot & Qubo Saeed Khan)
4.	Method of Procurement:	Single Stage One Envelope Procedure (Post-Qualification)
5.	Tender Published:	Tender published in Daily Dawn (English) dated 31st March 2016, Daily Jang (Urdu) dated 1st April 2016 & Daily Kawish Hyderabad (Sindhi) dated 2nd April 2016 respectively.
6.	Total Bid documents issued:	Uploaded on SBEP & SPPRA Websites
7.	Total Bids Received:	02
8.	Technical Bid Opening date (if applicable):	N/A
9.	No of Bids Technically qualified (if applicable):	01
10.	Bid(s) Rejected:	
11.	Financial Bid Opening date:	9 th May 2016 at 03:30 PM

12. Bid Evaluation Report:

S #	Name of Firm or Bidder	Cost Offered by Bidder (PKR)	Ranking in terms of cost	Comparison with Estimated Cost	Reasons for acceptance/ rejection	Remarks
1	M/s. AMCORP Engineering & Construction (Pvt.) Ltd.	511,952,846/-	I st Lowest	10.19% above	 Ist lowest evaluated responsive bidder but higher rates Bidder is technically qualified and capable to perform the contract. 	Recommended for Award of Work
2	M/s. WSKB & Company	573,805,567/-	2 nd Lowest	24.80% above	> 2 nd lowest evaluated responsive bidder but very high rates	

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Rehan Iqbal Baloch

Addl. Secretary (GA/C) E&L Deptt. Govt. of Sindh

(Member, Procurement Committee)

Chowdhry/Muhammad Ali

Director (Road Planning, Designing & Asset Management)
Road Sector Development, Directorate of W&S Deptt, GoS

(Member, Procurement Committee)

Sohail Shamim Siddiqui

Chief of Party,

M/s. Halcrow Pakistan (Pvt.) Ltd.

(Co-Opted Member)

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Rafique Ahmed Buriro

Program Director, PMIU-SBEP

E&L Deptt. Govt. of Sindh

(Chairman, Procurement Committee)

SINDH BASIC EDUCATION PROGRAM

CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS

Package-12: Construction of Six (06) Schools in District Qambar-Shahdadkot (Taluka Shahdadkot & Qubo Saeed Khan)

COMPARATIVE STATEMENT OF BIDS SUMMARY OF TENDERED COST

S. No	SCHOOL NAME	Engineer's Estimate	M/s. AMCORP Engg & Const	%age Diff	M/s. WSKB & Company	%age Diff
1	GBPS ANGH TALUKA SHAHDAD KOT	75,297,940	82,332,330	9.34%	93,144,119	23.70%
2	GBPS AITBAR KHAN CHANDIO TALUKA SHAHDAD KOT	74,028,156	80,763,250	9.10%	92,965,345	25.58%
3	GBPS SAHAB KHAN BHATTI TALUKA SHAHDAD KOT	75,174,301	81,638,662	8.60%	93,043,316	23.77%
4	GBMS SANJAR BHATTI TALUKA SHAHDAD KOT	75,106,251	81,696,506	8.77%	93,470,018	24.45%
5	GBHS UMEED ALI JUNEJO TALUKA SHAHDAD KOT	84,532,918	93,654,633	10.79%	107,435,099	27.09%
6	GBLS PULL 97 TALUKA QUBO SAEED KHAN	77,145,094	89,884,989	16.51%	98,075,474	27.13%
	Day Work Cost (All Schools):	3,305,705	1,982,475	-40.03%	3,355,641	1.51%
	Total Cost of School Buildings:	464,590,364	511,952,846	10.19%	581,489,012	25.16%
	Subtracting amount of Provisional Sum (for comparison)	(4,800,000)	(4,800,000)		(4,800,000)	
	Net Cost of School Buildings	459,790,364	507,152,846	10.30%	576,689,012	25.42%
	Rebate offered (if any) (Rs.) Rebate %				2,883,445 0.50%	
	Net Bid Amount after Rebate (Rs.)	459,790,364	507,152,846	10.30%	573,805,567	24.80%
Techn	g Provisional Sum in the net Bid Amount of Lowest and ically Qualified Bidder M/s. AMCORP Engineering & ruction (Pvt.) Ltd	4,800,000	4,800,000			
	FINAL BID PRICE (Rs.)	464,590,364	511,952,846	10.19%		

Mehan

Rehan Iqbal Baloch
Addl. Secretary (GA/C)
E&L Deptt. Govt. of Sindh
(Member, Procurement Committee)

Sohail Shamim Siddiqui Chief of Party, M/s. Halcrow Pakistan (Pvt.) Ltd. (Co-Opted Member) Chowdhry Muhammad Ali
Director (Road Planning, Designing & Asset Management)
Road Sector Development, Directorate of \(\)
(Member, Procurement Committe

Rafique Ahmed Buriro
Program Director, PMIU-SBEP
E&L Deptt. Govt. of Sindh
(Chairman, Procurement Committee)

Sindh Basic Education Program - SBEP

Package-12: Construction of Six (06) Schools in District Qambar-Shahdadkot (Taluka Shahdadkot & Qubo Saeed Khan) Bid Reference No: SBEP-P12-QSK-III



Bid Evaluation Report- Result Summary

Minimum Qualification Criteria = Equal to or above 50% marks in each category & 70% Cumulatively

		_			_	
	н			Doc No		
	M/s. AMCORP Engineering & Construction (Pvt) Limited (Farmerly Al-Mumtaz Corporation)			Name of Company		
	Provided			Mandatory Info		
	16.58	20	marks	Sot	!	
	PASS	10	min >50%	Financial Soundness		
	25.00	30	marks	Experie		
	PASS	15	min >50%	Experience Record		
	23.00	25	marks	Cap		
/	PASS	12.5	min >50%	Personnel Capabilities		
	10.00	10	marks	Capa		
	PASS	5	marks min >50% marks min >50% marks min >50% marks min >50% marks marks	Euipment Capabilities\		
	2.50	5	marks	QA/ QC Plan		
	2.00	3	marks	Gen Work Plan		
	1.00	2	marks	Material Sources	Other Factors	
	3.50	5	marks	HSE Plan	actors	
	9.00	15		Total min		
	PASS	7.5				
	83.58	100	001.01	Marks Obtained		
	Lowest evaluated responsive Bidder is Technically Qualified & capable to perform			Remarks		

1) e han

Rehan Iqbal Baloch Addl. Secretary (GA/C) E&L Deptt. Govt. of Sindh

(Member, Procurement Committee)

Choudhry Muhammad Ali
Director (Road Planning, Designing & Asset Management)
Road Sector Development, Directorate of W&S Deptt, GoS
(Member, Procurement Committee)

Sohail Shamim Siddiqui Chief of Party,

M/s. Halcrow Pakistan (Pvt.) Ltd. (Co-Opted Member)

Rafique Ahmed Buriro Program Director, PMIU-SBEP E&L Deptt. Govt. of Sindh (Chairman, Procurement Committee)



Program Management & Implementation Unit
Sindh Basic Education Program
Education and Literacy Department
Government of Sindh
Tel # 021-35296931, Fax No. 021-35296935
D-29, Block-2, Clifton Karachi
SBEP/PD/PROC/ /2016/ 2595
Dated: 09/05/2016

Minutes of 51st Procurement Committee Meeting of SBEP-PMIU

Subject: Opening of Bids for construction of schools in Qambershahdadkot (Package 11&12).

NIT Ref: SBEP/USAID/PD/2016.

Bid Ref: No: SBEP-P11-QSKII, SBEP-P12-QSKIII.

Attendance sheet:

a. Attendance sheet attached.

Proceedings:

- Bids were opened and the offered bids along with the bid security were documented in the attached sheet.
- The committee agreed to depute Halcrow Pakistan for the evaluation and scrutiny of bids and other documents and may present the outcome of evaluation before the committee in the next meeting.

(Rehan Iqbal Baloch)

Member

Add. Secretary (GA/C)

Education & Literacy Dept.

Gov of Sindh

(Chowdhry M. Ali)

Member

Director

(Road Planning, Designing & Asset Management)

Road Sector Development

Directorate of W&S Department

Gov of Sindh.

Halcrow Pakistan

Chief of Party

(Sohail S. Siddiqui)

Co-opted Member

(Tameezuddin Khero)

Investituro

Program Director, PMIU-SBEP

Chairman Procurement Committee/

Education & Literacy Department

Gov of Sindh



PROGRAM MANAGEMENT & IMPLEMENTATION UNIT SINDH BASIC EDUCATION PROGRAM EDUCATION AND LITERARY DEPARTMENT GOVERNMENT OF SINDH. PMIU-SBEP. D-29, CLIFTON, KARACHI.

Attendance Sh zet Bid Opening of (Package 11) Qambershahdadkot

Time: 3:30 PM

Dated: May 09, 2016

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Hinh alloth	Tabin Maryas	M. Arsalau Waleed Zafou	Messey Almers	5. Klumoun	Sohail S. Siddiqui	Chowdhry M. Ali	Rehan Iqbal Baloch	Tameezuddin Khero	Name
(Salvery Est	Super it sos	Raning Sejineer	P. 33. 61	Promiser &	Chief of Party	Director (Road Planning, Designing & Asset Management), Road Sector Development Directorate	Add. Secretary (GA/C)	Program Director	Designation
びのかい	AMCORP	ARGERP	K K P	PMU-	Halcrow Pakistan	W&S Department, Gov of Sindh	Education & Literacy Dept, Gov of Sindh	PMIU / SBEP	Department
0301-831277	4	0331-2631081	598.7578-428.0	03/3202967					Contact & Email
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PROGRAM MANAGEMENT & IMPLEMENTATION UNIT SINDH BASIC EDUCATION PROGRAM EDUCATION AND LITERARY DEPARTMENT GOVERNMENT OF SINDH. PMIU-SBEP, D-29, CLIFTON, KARACHI.

Attendance Sheet Bid Opening of (Package 11) Qambershahdadkot

Time: 3:30 PM

Dated: May 09, 2016

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PROGRAM MANAGEMENT & IMPLEMENTATION UNIT SINDH BASIC EDUCATION PROGRAM EDUCATION AND LITERARY DEPARTMENT GOVERNMENT OF SINDH. PMIU-SBEP, D-29, CLIFTON, KARACHI.

Attendance Sheet Bid Opening of (Package 12) Qambershahdadkot

Time: 3:30 PM

Dated: May 09, 2016

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10. Syed Khurraun Sheheryan	M. Arsalan Walces Planning Enjincer	Gushar	Dew	Hizbullah Bhukta	Towns Khowsofa	Sohail S. Siddiqui	Chowdhry M. Ali	Rehan Iqiaal Baloch	Tameezuddin Khero	Name
Prouvence!	Planning Entincer	CMC	TA PL	Bropustos.	SEA	Chief of Party	Director (Road Planning, Designing & Asset Management), Road Sector Development Directorate	Add. Secretary (GA/C)	Program Director	Designation
8388	AMCERP	Durth	PMIN	W.S.16.13	PNIL -	Halcrow Pakistan	W&S Department, Gov of Sindh	Education & Literacy Dept, Gov of Sindh	PMIU / SBEP	Department
0313220969	ancesto com. ph								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Contact & Email
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Page										



Program Management & Implementation Unit
Sindh Basic Education Program
Education and Literacy Department
Government of Sindh

Tel # 021-35296931, Fax No. 021-35296935 D-29, Block-2, Clifton Karachi

SBEP/PD/PROC/

12016/2595

Dated: 09/05/2016

(Sohail S. Siddiqui)

Co-opted Member

Chief of Party

Halcrow Pakistan

Minutes of 51st Procurement Committee Meeting of SBEP-PMIU

Subject: Opening of Bids for construction of schools in Qambershahdadkot (Package 11&12).

NIT Ref: SBEP/USAID/PD/2016.

Bid Ref: No: SBEP-P11-QSKII, SBEP-P12-QSKIII.

Attendance sheet:

a. Attendance sheet attached.

Proceedings:

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The committee agreed to depute Halcrow Pakistan for the evaluation and scrutiny of bids and other documents and may present the outcome of evaluation before the committee in the next meeting.

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(Rehan Iqbal Baloch)

Member

Add. Secretary (GA/C)

Education & Literacy Dept.

Gov of Sindh

(Chowdhry M. Ali)

Member

Director

(Road Planning, Designing & Asset Management)

Road Sector Development

Directorate of W&S Department

Gov of Sindh.

(Tameezuddin Khero)

Program Director, PMIU-SBEP

Chairman Procurement Committee/

Education & Literacy Department

Gov of Sindh