



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 (27090)

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

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


24/10/16
For **Rafique Ahmed Buriro**
(Program Director)

1632
26-10-16

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 / DEPTT. Program Management & implementation Unit, Sindh Basic Education 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 (Qambarshahdadkot QSK-III)
- 5) BRIEF DESCRIPTION OF CONTRACT Construction of Six (06) Schools in District Qambarshahdadkot
- 6) FORUM THAT APPROVED THE SCHEME PDWP
- 7) TENDER ESTIMATED VALUE PKR 484,160,000.00
- 8) ENGINEER'S ESTIMATE PKR 457,390,365.00
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 20 calender months
- 10) TENDER OPENED ON (DATE & TIME) 09/05/2016 at 03:30 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD 08
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 02
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 02
- 14) BID EVALUATION REPORT SPPRA Website, S # 27090, ID # 2147483647S
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER Amcorp Engineering & Construction (Pvt) Ltd
- 16) CONTRACT AWARD PRICE PKR 511,952,846/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). M/s Amcorp Engineering & Construction (Pvt) Ltd (1st Lowest)
M/s WSKB & Co (2nd Lowest)
- 18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE _____ Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE _____
- c) TWO STAGE BIDDING PROCEDURE _____
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE _____

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Procurement Committee

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	SPPRA Website, S # 27090, ID # 2147483647S
No	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	Dawn, Jang & Kawish. dated 31/03/2016 (Copies are attached herewith)
No	

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	No Complaint was Received

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

Yes	
No	None

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

Yes	
No	None

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	None

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	None

Signature & Official Stamp of
Authorized Officer


Rafique Ahmed Buriro

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
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

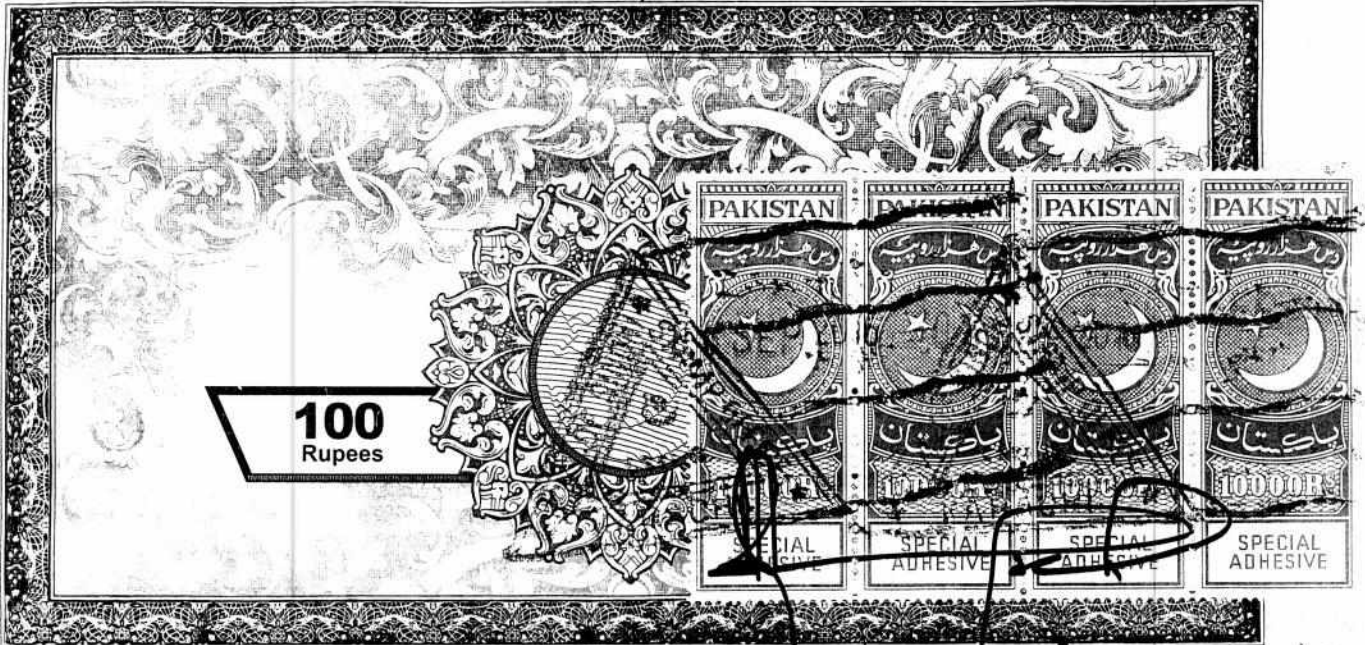
M/s Amcorp Engineering & Construction (Pvt) Ltd
Address: LS-30, Block 13, FB Area, Karachi, Pakistan.

Subject: **Construction of six (06) schools in District Qambershahdaktot [P12 (QSK-III)].**
Reference: Package # SBEP-P12-QSK-III.

This is to notify that your bid opened on May 9th 2016 for construction of (06) schools in Qambershahdaktot (Taluka Shahdaktot & 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)



M. ILYAS STAMP VENDOR
Lic No. 112, Liaquatabad, Karachi.
S.No. **55357**
DATE:

26 APR 2016

8-9-16
c/o
(RUPEES ONE HUNDRED ONLY)

ISSUE TO WITH ADDRESS
THROUGH WITH ADDRESS
PURPOSE
VALUE RS. (ATTESTED)
STAMP VENDOR'S SIGNATURE

CONTRACT AGREEMENT

Contract Amount: PKR. 511,952,846/- (Five hundred eleven million, nine hundred & fifty two thousand, and eight hundred forty six only).

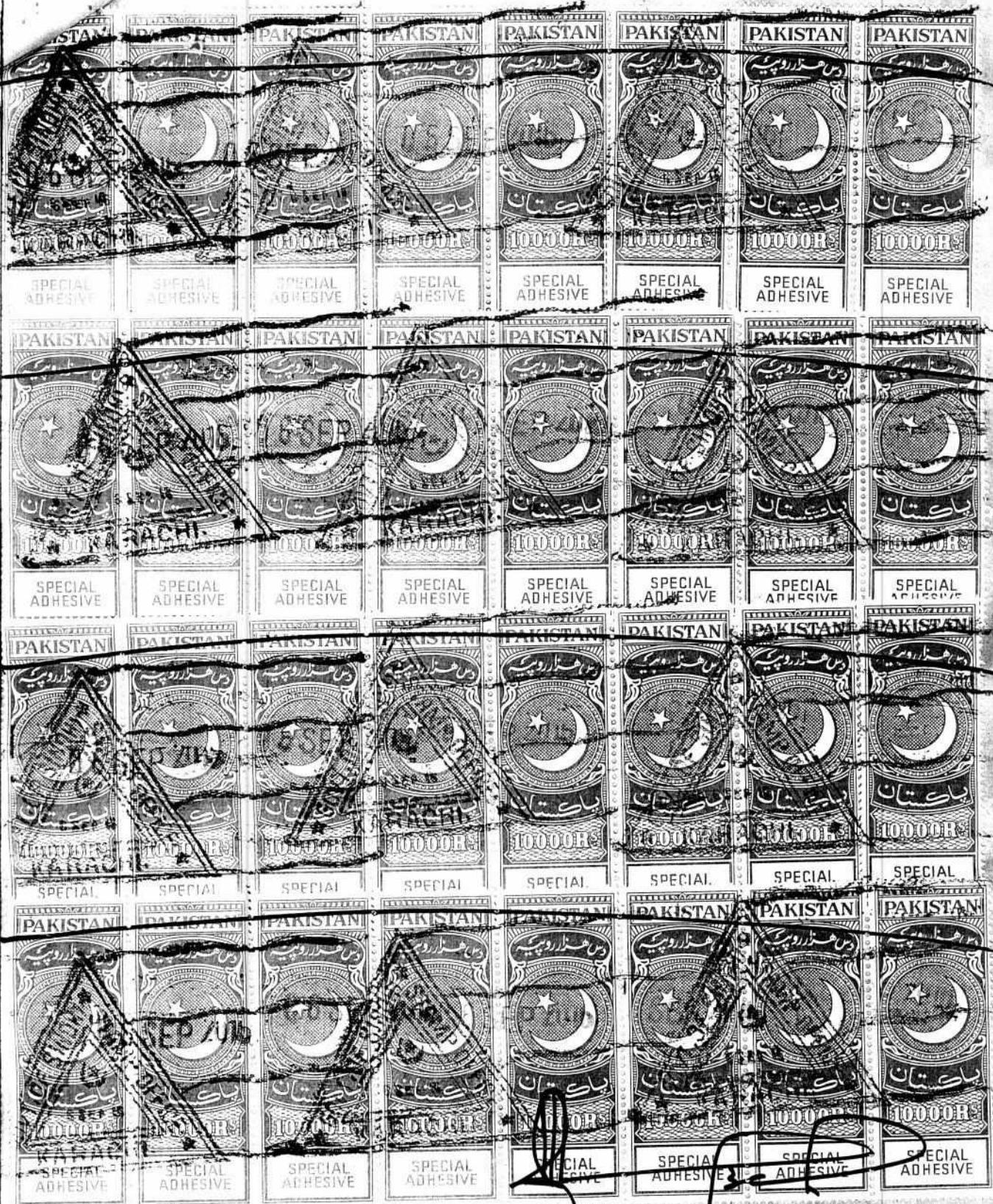
Bid Reference: SBEP--P12-QSK-III

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

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the day of September 2016 between Program Management and Implementation Unit (PMIU) Sindh Basic Education Program, Education & Literacy Department, Government of Sindh (hereafter called the "Procuring Agency / Employer") of the one part and M/s. 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-Shahdadt (Taluka Shahdadt & Qubo Saeed Khan):

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



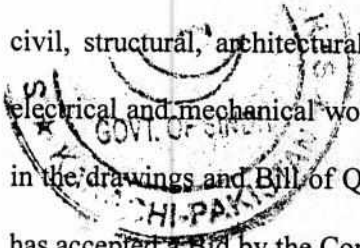
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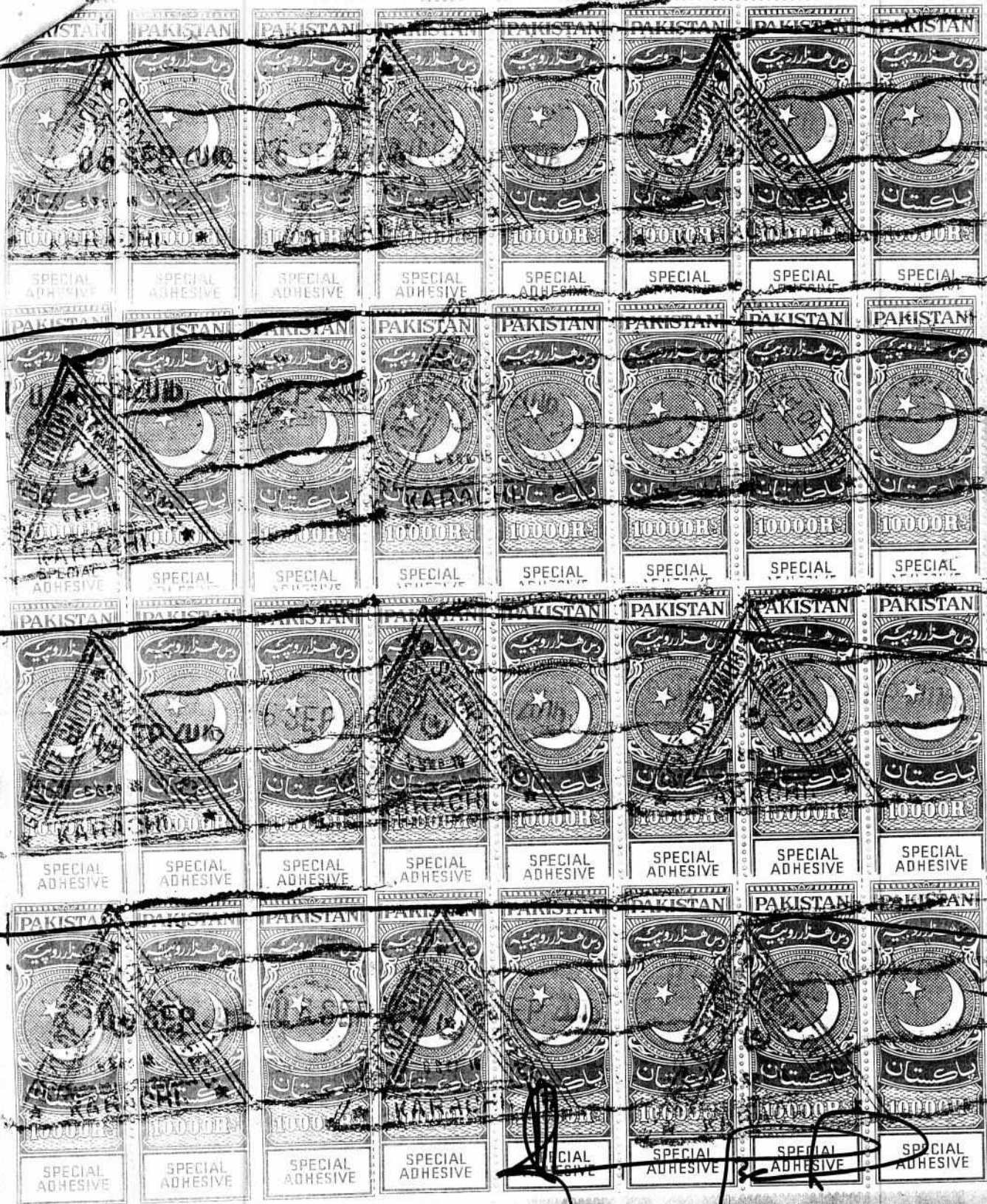
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36

- 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.



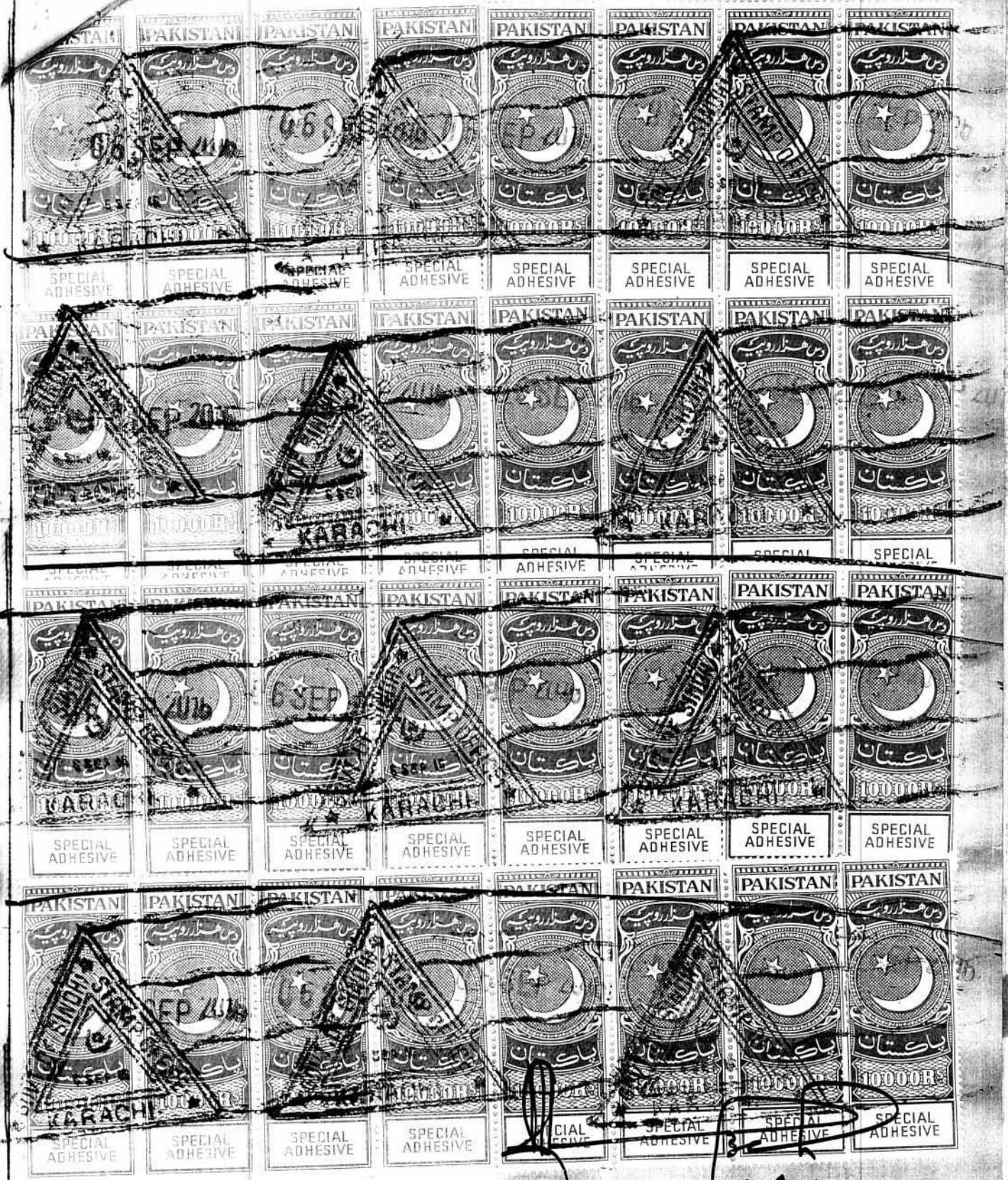


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NOW this Agreement witnessed as follows:

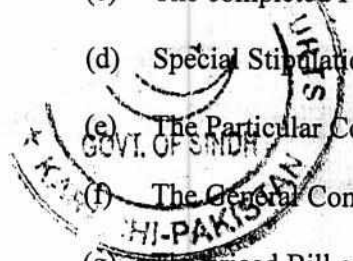
1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:

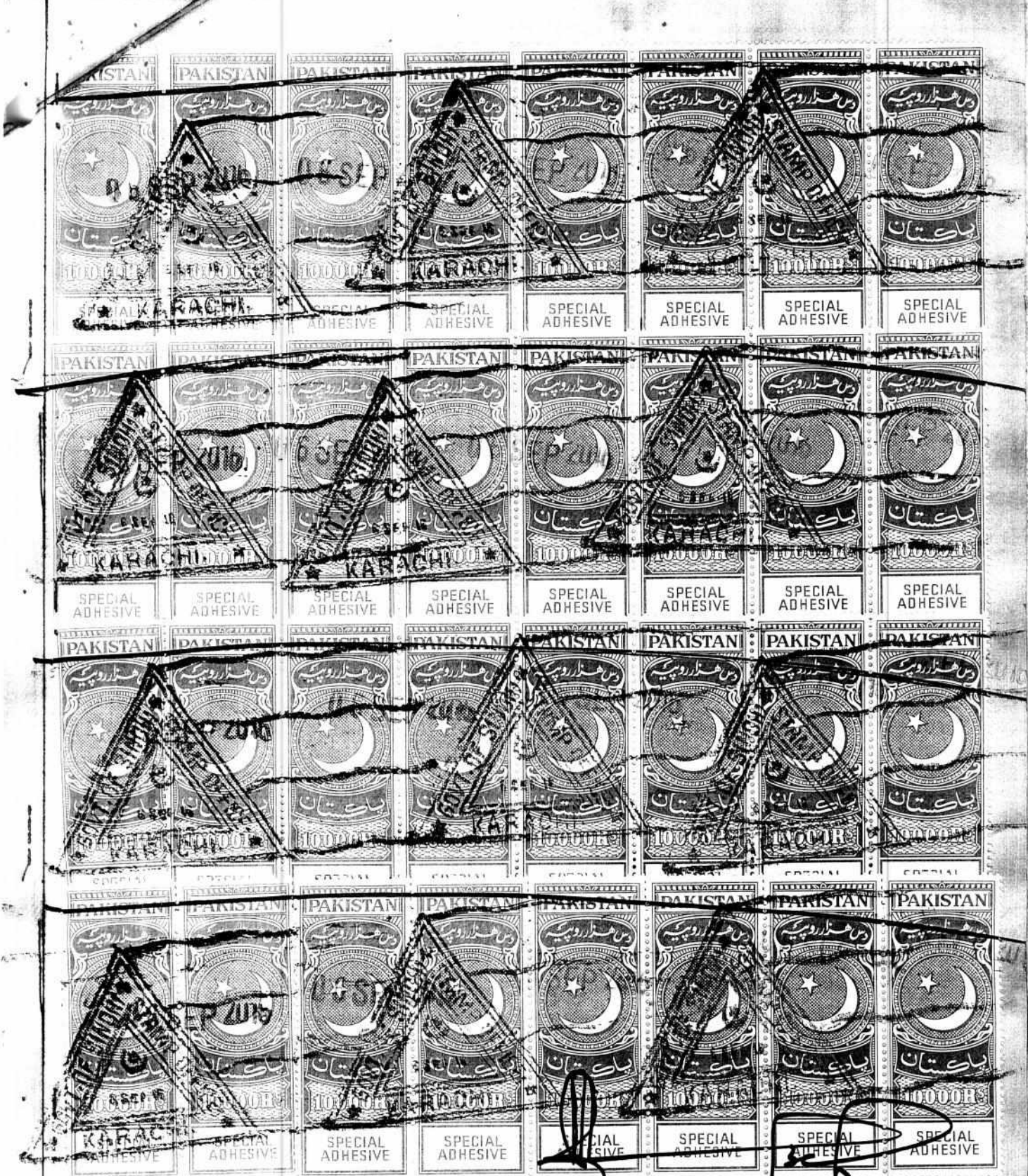


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6-9-16 C/O

- (a) The Contract Agreement;
- (b) The Letter of Acceptance;
- (c) The completed Form of Bid;
- (d) Special Stipulations (Appendix-A to Bid);
- (e) The Particular Conditions of Contract Part II
- (f) The General Conditions - Part I;
- (g) The priced Bill of Quantities (Appendix-D to Bid);





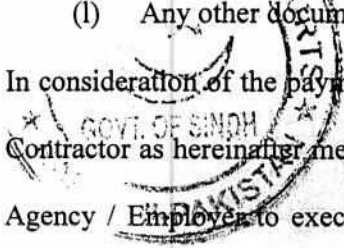
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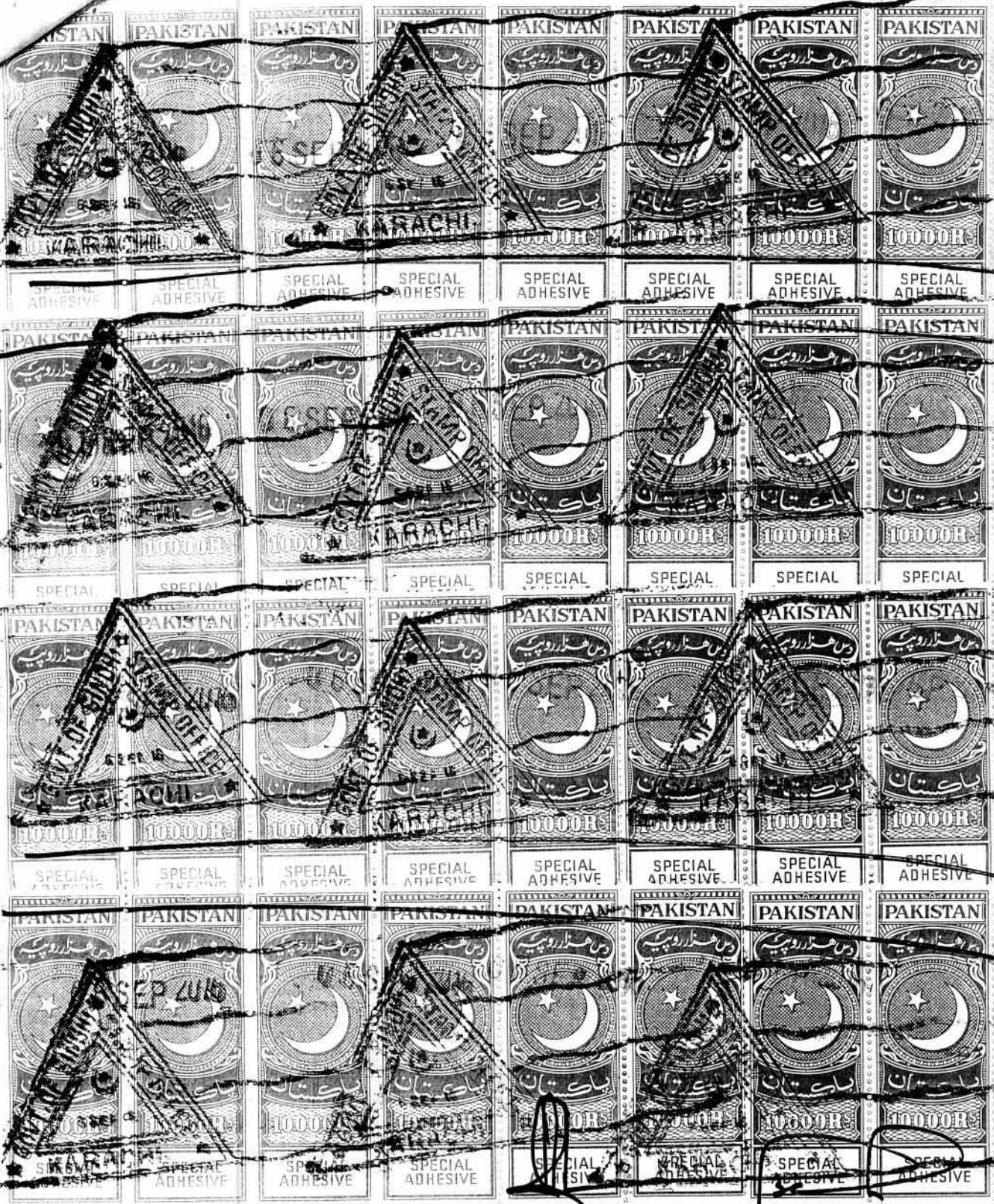
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6-9-16 c/o

- (h) The completed Appendices to Bid (B, C, E to L);
- (i) The Drawings;
- (j) The Specifications.
- (k) Addendum 1 (Minutes of Pre Bid Meeting)
- (l) Any other document _____

3. In consideration of the payments to be made by the Procuring Agency / Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency / Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.





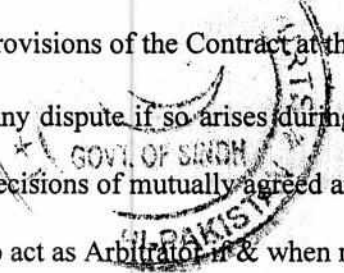
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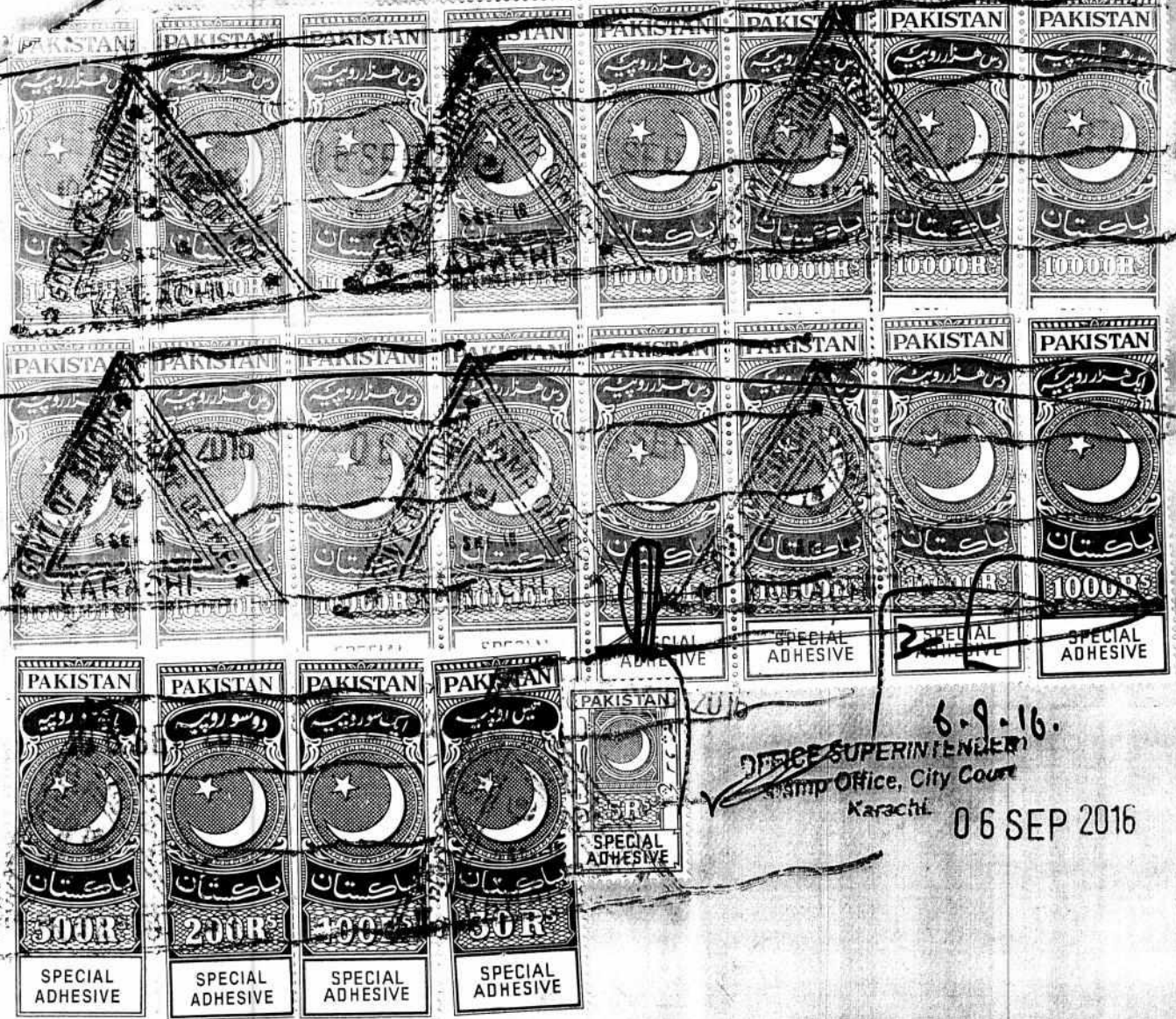
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6-9-16 C/P

[Handwritten signature]

4. 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.
5. 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 if & when needed.





6.9.16.
 OFFICE SUPERINTENDENT
 Stamp Office, City Court
 Karachi. 06 SEP 2016

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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

[Handwritten Signature]

Name: Ali Raza Kazmi

Designation: Director M/s. AMCORP
 Engineering & Construction (Pvt.) Limited
 CNIC: 42101-1566873-9

(Seal)



Signed, Sealed and Delivered in the presence of:

Witness:

[Handwritten Signature]

Name: *Nasir Deza*

Title: *Manager Operations*

Address: *AMCORP*

Signature of Procuring Agency / Employer

[Handwritten Signature]
 Program Director
 SBEP Basic Education Program
 Government of Sindh

Name: Rafique Ahmed Buriro (PAS)

Designation: Program Director, SBEP PMIU

CNIC: 412036433310-1

(Seal)

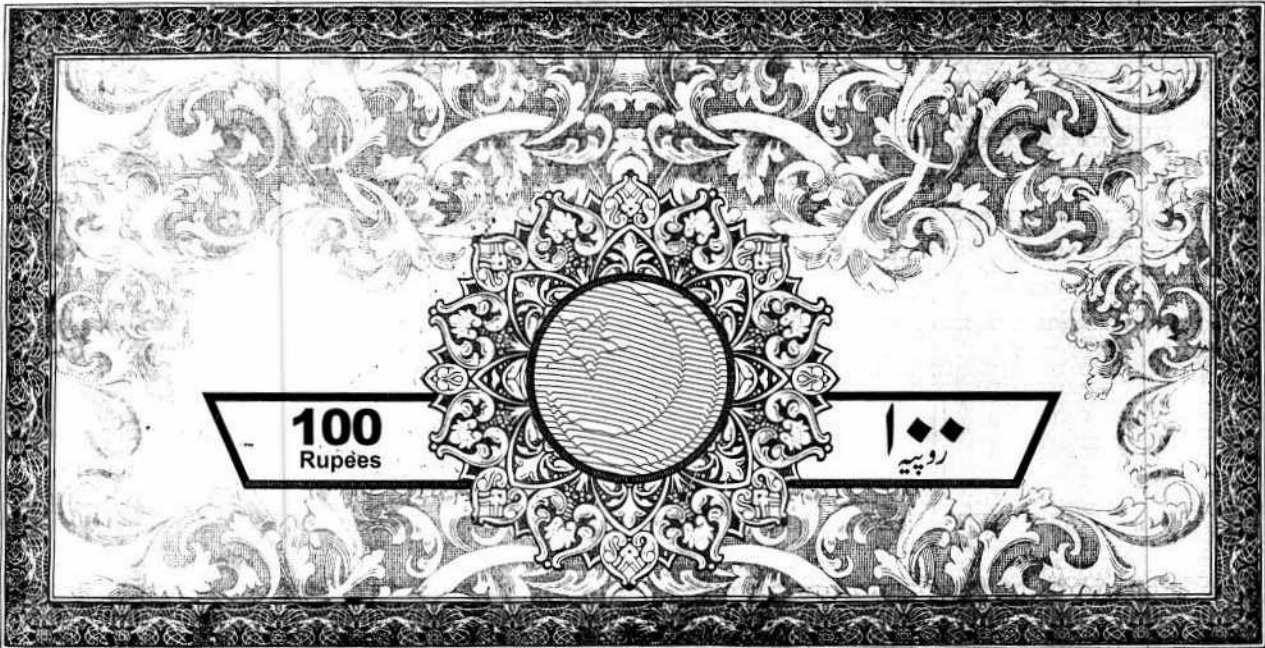
Witness:

[Handwritten Signature]

Name: *Imtiaz Blatts*

Title: _____

Address: _____



M. ILYAS STAMP VENDOR

Lic No.112, Liaquatabad, Karachi

S.No.

DATE:

06175

18 AUG 2016

(RUPEES ONE HUNDRED)

ISSUE TO WITH ADDRESS
 THROUGH WITH ADDRESS
 PURPOSE
 VALUE IN COUNTER
 VENDOR'S SIGNATURE

INTEGRITY PACT

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

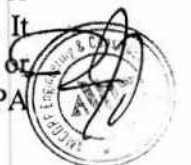
Contract No. SBEP-P12-QSK-III Dated 6th September 2016
 Contract Value: PKR 511,952,846
 Contract Title: Construction of Six (06) Schools in District Qambar-Shahdadkot
 (Taluka Shahdadkot & Qubo Saeed Khan)

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 or 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.



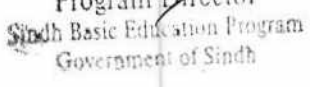
Notwithstanding any rights and remedies exercised by PA in this regard, M/S. AMCORP Engineering & Construction (Pvt.) Ltd agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the 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.....

Name of Seller/Supplier:

K. S. S. S. S.
Signature: *[Handwritten Signature]*.....

Amcorp Engineering & Construction
(Pvt.) Ltd. *[Handwritten Signature]*

[Seal]  Sindh Basic Education Program
Government of Sindh

Signature:



Sindh Basic Education Program - SBEP
Package-12: Construction of Six (06) Schools in
District Qambar-Shahdadt
(Taluka Shahdadt & 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
A	GENERAL ITEMS	4,232,773	6,868,693	62%	4,661,006	10%
B	CIVIL WORKS	55,465,449	55,501,688	0.07%	65,258,229	18%
C	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%
E	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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%
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 including 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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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 BS-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%
SUPER-STRUCTURE WORKS											
Ground Floor (From Plinth level to 1st Slab)											
REINFORCEMENT											
01- 02 C 15	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		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS											
01- 02 C 17	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 including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	1,080 1,850 3,790 373 150 84	Cft. Cft. Cft. Cft. Cft. Cft.	405 411 385 445 392 533	437,400 760,350 1,459,150 165,985 58,800 44,772	474 460 369 524 726 837	511,920 851,000 1,398,510 195,452 108,900 70,308	17% 12% -4% 18% 85% 57%	500 500 500 500 500 500	540,000 925,000 1,895,000 186,500 75,000 42,000	23% 22% 30% 12% 28% -6%
First Floor (From 1st Slab to 2nd slab)											
REINFORCEMENT											
01- 02 C 18	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		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS											
01- 02 C 20	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 including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	1,130 1,900 3,790 176 130 30	Cft. Cft. Cft. Cft. Cft. Cft.	408 414 388 448 395 536	461,040 786,600 1,470,520 78,848 51,350 15,919	488 474 380 540 748 862	551,440 900,600 1,440,200 95,040 97,240 25,601	20% 14% -2% 21% 89% 61%	500 500 500 500 500 500	565,000 950,000 1,895,000 88,000 65,000 14,850	23% 21% 29% 12% 27% -7%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	ALUMINIUM WORKS Ref.Spec. No. C11										
01- 02 C 30	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	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
	STRUCTURAL STEEL Ref. Sec.No. C13										
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.	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	51	Rft	300	15,300	759	38,709	153%	4,800	244,800	1500%
	b) M.S railing at entrance	50	Rft	320	16,000	627	31,350	96%	4,800	240,000	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%
	FLOOR AND WALL FINISHES Ref.Spec. No. C07										
01- 02 C 36	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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 above door panel with solid wood batten including teak polish/ lacker at both sides around 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%
	FALSE CEILING Ref.Spec. No.										
01- 02 C 51	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	600	Sq.ft.	127	76,200	101	60,600	-20%	335	201,000	164%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 53	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										
01- 02 C 54	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	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%
	DOORS FRAMES Ref.Spec. No. C09 & C11										
01- 02 C 55	G.I frame 16swg redoxidized 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.	395	R.ft.	225	88,875	460	181,700	104%	130	51,350	-42%
	CEMENT PLASTER Ref.Spec. No. C 06										
01- 02 C 56	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.	9,704	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 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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%
	PAINTING Ref.Spec. No. C 10										
01- 02 C 71	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 emulsion 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%
	WOODEN DOORS Ref.Spec. No. C 09, 12										
01- 02 C 73	Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partial 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	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 around 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%
	FALSE CEILING Ref.Spec. No.										
01- 02 C 75	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%
	Pre cast C.C Patren jali and Railing Ref.Spec. No.										
01- 02 C 76	C.C Patren jali as per approved designed and specification	680	Sq.ft.	127	86,360	104	70,720	-18%	335	227,800	164%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 77	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%
	WATER PROOFING AND BUILTUP ROOFING Ref.Spec. No.C 16										
01- 02 C 78	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%

COMPARATIVE STATEMENT OF BIDS

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				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.	6	Sq.ft.	253	1,518	427	2,562	69%	900	5,400	256%
01- 02 C 92	PAINING 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 emulsion 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.	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 partial 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 jali and Railing 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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff
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	36%
	CEMENT PLASTER Ref.Spec. No. C06										
01- 03 D11	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.	2,613	Sq.ft.	63	164,619	85	222,105	35%	55	143,715	-13%
	PROTECTION WORKS Ref.Spec. No. C16										
01- 03 D12	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%
	COPING Ref.Spec. No. C04										
01- 03 D13	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 Ref. Sec.No. C13										
01- 03 D14	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 Ref. Sec.No.										
01- 03 D 16	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 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 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)	8	No.	200	1,600	528	4,224	164%	1,000	8,000	400%
	b) Babul (3 to 4 feet)	7	No.	200	1,400	264	1,848	32%	1,000	7,000	400%
	c) Golmohar (3 to 4 feet)	14	No.	300	4,200	264	3,696	-12%	1,000	14,000	233%
	d) Champa (2 to 3 feet)	12	No.	250	3,000	528	6,336	111%	1,000	12,000	300%
	e) Crape Jasmine (2 to 3 feet)	13	No.	150	1,950	528	6,864	252%	1,000	13,000	567%
	f) Cement Concrete planters.	100	Rft	400	40,000	691	69,100	73%	500	50,000	25%

COMPARATIVE STATEMENT OF BIDS

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				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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	-	85	-	102%	50	-	19%	
01- 03 D35	Providing embedding 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	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%	
Soakage Pit												
01- 03 D38	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.	712	Cft.	12	8,544	13	9,256	8%	10	7,120	-17%	
	a) 0 to 5 ft	712	Cft.	15	10,680	20	14,240	33%	15	10,680	0%	
	b) More than 5 ft upto 10 ft.	784	Cft.	17	13,328	26	20,384	53%	25	19,600	47%	
	c) More than 10 ft upto 17 ft.											
01- 03 D39	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	144	Cft	250	36,000	250	36,000	0%	400	57,600	60%	
	b) 9" thick	72	Cft	250	18,000	301	21,672	20%	410	29,520	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%	515	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%	
Ground Storage Tank / Pump Room												
01- 03 D45	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.	508	Cft.	12	6,090	13	6,598	8%	10	5,075	-17%	
	a) 0 to 5 ft	8	Cft.	15	126	20	168	33%	15	126	0%	
	b) More than 5 ft upto 10 ft.											
01- 03 D46	Blinding concrete 1250 psi using siag 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.											
	a) Base Slab.	70	Cft.	280	19,600	297	20,790	6%	515	36,050	84%	
	b) Walls including chamfer etc.	179	Cft.	345	61,583	472	84,252	37%	515	91,928	49%	
	c) Top slabs	24	Cft.	350	8,400	335	8,040	-4%	515	12,360	47%	
	d) Precast Slab	7	Cft.	350	2,450	515	3,605	47%	515	3,605	47%	

COMPARATIVE STATEMENT OF BIDS

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				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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	67%	
	Tube Well / Penumatic Pump Construction works											
01- 03 D62	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 to be approved by the Engineer) upto free haulage limit.	20 40	Cft. Cft.	8 22	160 880	13 40	260 1,600	63% 82%	175 250	3,500 10,000	2088% 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; Pre-cast R.C.C Slab	15	Cft.	350	5,250	594	8,910	70%	515	7,725	47%	
01- 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	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 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 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.	285	Sq.ft.	63	17,955	85	24,225	35%	45	12,825	-29%	
01- 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	1,275	53	1,325	4%	35	875	-31%	
01- 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	10,200	93	13,950	37%	40	6,000	-41%	
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 specifications and drawings.	25	Sq.ft.	42	1,050	67	1,675	60%	115	2,875	174%	
01- 03 D72	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 D73	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%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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	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	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	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	2,780	42	7,783	180%	25	4,633	67%
EXTERNAL DEVELOPMENT											
Holding Tank											
01- 03 D92	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.	755	Cft.	12	9,060	13	9,815	8%	10	7,550	-17%
	a) 0 to 5 ft	540	Cft.	15	8,100	20	10,800	33%	15	8,100	0%
	b) More than 5 ft upto 10 ft.										
01- 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%
01- 03 D94	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystalline water proofing coating.	466	Sq.ft.	80	37,280	54	25,164	-33%	100	46,600	25%
01- 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.	107	Cft.	280	29,960	297	31,779	6%	515	55,105	84%
	a) Base Slab.	335	Cft.	335	112,225	472	158,120	41%	515	172,525	54%
	b) Walls including chamfer etc.	89	Cft.	350	31,150	335	29,815	-4%	515	45,835	47%
	c) Top Slab										
01- 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%
01- 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	5,202	53	5,406	4%	40	4,080	-22%
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 etc 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 embedding 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%	1,250	55,000	305%
01- 03 D101	Supply and fix water tight (Round Type, 24") Pre-cast heavy 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%	8,000	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%	1,500	24,000	-37%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s WSKB & Company		
				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.										
	i) MDBLP-GF	1	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%
	iii) DBLP-GF2	1	No.	79,275	79,275	71,280	71,280	-10%	56,000	56,000	-29%
	vi) DBLP-FF1	1	No.	130,200	130,200	106,260	106,260	-18%	40,000	40,000	-69%
	v) DBLP-FF2	1	No.	182,700	182,700	176,220	176,220	-4%	62,000	62,000	-66%
	vi) 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	
26-04E 2	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 pre-laid 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.										
	a) 4 Core Cu/PVC/PVC CABLE										
	i. 4 core 10mm sq.	500	R.ft	383	191,500	247	123,500	-36%	1,800	900,000	370%
	ii. 4 core 16mm sq.	150	R.ft	525	78,750	355	53,250	-32%	2,400	360,000	357%
	iii. 4 core 50mm sq.	100	R.ft	1,171	117,100	822	82,200	-30%	5,600	560,000	378%
	b) Circuit Protective Conductor (CPC)										
	i. 1 core 10mm sq. PVC insulated colour Green/Yellow.	500	R.ft	84	42,000	67	33,500	-20%	525	262,500	525%
	ii. 1 core 16mm sq. PVC insulated colour Green/Yellow.	150	R.ft	110	16,500	102	15,300	-7%	750	112,500	582%
	iii. 1 core 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	0%
	b) 38mm (1.5") dia. PVC conduit to pull electric cable.	150	R.ft	126	18,900	63	9,450	-50%	125	18,750	-1%
	c) 50mm (2") dia. PVC conduit to pull electric cable.	85	R.ft	184	15,640	85	7,225	-54%	150	12,750	-18%
	d) 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	
26-04E 4	PART-3 Wiring & Conduiting Circuit Wiring & Conduiting										
	a) 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%
	b) 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s AMCORP Engg & Const			M/s WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 6	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 by Engineer.											
	a. 56" dia.	15	Nos.	4,888	73,320	5,214	78,210	7%	4,800	72,000	-2%	
	b. 48" dia.	41	Nos.	4,221	173,061	5,148	211,068	22%	4,200	172,200	0%	
	c. 36" dia.	1	Nos.	3,549	3,549	4,950	4,950	39%	3,600	3,600	1%	
31-04E 7	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 by the Engineer.											
	i) One gang - 1 Way Switch	8	Nos.	415	3,320	274	2,192	-34%	450	3,600	8%	
	ii) Two gang - 1 Way Switch	22	Nos.	551	12,122	370	8,140	-33%	550	12,100	0%	
	iii) Three gang - 1 Way Switch	10	Nos.	693	6,930	471	4,710	-32%	650	6,500	-6%	
	iv) Four gang - 1 Way Switch	2	Nos.	830	1,660	572	1,144	-31%	750	1,500	-10%	
	v) One gang - Fan Dimmer	7	Nos.	1,591	11,137	1,078	7,546	-32%	1,200	8,400	-25%	
	vi) Two gang - Fan Dimmer	25	Nos.	2,940	73,500	2,059	51,475	-30%	1,800	45,000	-39%	
31-04E 8	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, as per approved manufacturer list and approval by the Engineer.											
	i) 10A, 2-pin universal Switch Socket outlet.	25	Nos.	704	17,600	476	11,900	-32%	550	13,750	-22%	
	ii) 13A, 3-pin Simplex Switch Socket outlet.	31	Nos.	809	25,079	500	15,500	-38%	750	23,250	-7%	
	iii) 13A, 3-pin Duplex Switch Socket outlet.	10	Nos.	1,244	12,440	870	8,700	-30%	1,200	12,000	-4%	
	iv) 15A, 3-pin simplex Switch Socket outlet.	6	Nos.	977	5,862	644	3,864	-34%	750	4,500	-23%	
	v) Floor Box - Type B	16	Nos.	2,000	32,000	5,940	95,040	197%	1,000	16,000	-50%	
31-04E 9	LOAD BREAK SWITCHES Supply, installation, testing & commissioning of following size Load Break switch with MS back box including all accessories complete in all respects, as per specifications and drawings and approval by the Engineer.											
	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: EARTHING SYSTEM												
31-04E 10	Earth Electrode Supply at site and installation of Stainless Steel copper clad earth electrodes, 10 feet long and 20mm dia including cost of all necessary materials, complete in all respects, as per specification.											
		9	Nos.	11,067	99,603	33,660	302,940	204%	32,000	288,000	189%	
31-04E 11	Copper Conductor a) Supply, installation and connecting up of 1 x 16sqmm 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, includes excavation, backfilling of earth, cad-welding of copper conductor to earth electrode rod at one end and provision/ fixing of cable lugs at other end, including all accessories as per the Specifications and Drawings and to the entire satisfaction and approval of the Engineer.											
		10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785%	
	b) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, from Pit to ECP / MCC, as per drawing or as per the instructions of the engineer, including cost of excavation, backfilling of earth, brass nuts, bolts, washers, all necessary accessories, complete in all respects.	40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	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.	150	R.ft	74	11,100	43	6,450	-42%	450	67,500	508%
	d) Supply, Installation of following telephone / data Outlet plate including RJ-45 IOs and 16 SWG sheet steel back box recessed in wall or wall surface, complete in all respects, as per the specifications and drawings and to the entire satisfaction of the Engineer.										
	i) Simplex Outlet RJ 45	23	Nos.	1,145	26,335	1,098	25,254	-4%	1,000	23,000	-13%
	ii) Duplex Outlet RJ 45	3	Nos.	1,801	5,403	2,097	6,291	16%	1,500	4,500	-17%
31-04E 17	Utility Box Supply, Installation, testing and commissioning of Utility box, complete 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%
31-04E 18	Patch Panel a) Supply and installation of following Patch Panels complete in all respects as per the specifications and drawings and to the approval of the Engineer. i) 24 Port Patch Panel	1	Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
31-04E 19	Telephone / Data Patch Cords a) Supply and connecting of telephone 2 Pair drop cord 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. i) 1 meter long ii) 3 meter long	5 24 24	Nos. Nos. Nos.	294 935 1,391	1,470 22,440 33,384	2,112 800 1,155	10,560 19,200 27,720	618% -14% -17%	4,200 750 1,000	21,000 18,000 24,000	1329% -20% -28%
31-04E 20	Communication Rack Supply installation of 15U Data racks for the fixing of 12 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.	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
31-04E 21	Telephone Sets Supply and connection of following type of Telephone sets. a) Telephone with CLI Module b) Telephone without CLI Module	2 3	Nos. 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	-34% 64%
Sub- Total (Rs.)					325,061		227,539			454,500	
PART -7 Fire Alarm System											
31-04E 22	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. i) Smoke detector with buzzer ii) Heat detector with buzzer	8 4	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	
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	1,380,000	301%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
PART -11 MISCELLANEOUS WORKS											
31-04E 33	Cable TV System a) Supply, installation, testing and commissioning of RG-6 coaxial 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.	45	Rft.	84	3,780	48	2,160	-43%	400	18,000	376%
	b) 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.	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: i) 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%
31-04E 35	Utility / PTCL Connection a) 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	
PART -12 SOLAR ROOM ELECTRIFICATION WORKS											
31-04E 36	LIGHT FIXTURES Supply, installation, testing and commissioning of following light fittings, ceiling /wall mounted made of fiber / plastic body. Complete with electronic ballast, 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). b. Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%
		2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%
31-04E 37	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 i) Four gang - 1 Way Switch	1	Nos.	830	830	572	572	-31%	750	750	-10%
31-04E 38	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 dr i) 13A, 3-pin Duplex Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%
31-04E 39	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. i) Heat detector with buzzer	1	Nos.	7,838	7,838	2,317	2,317	-70%	13,500	13,500	72%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff	
PILUMBING WORKS (BUILDING)												
PLUMBING FIXTURES												
Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.												
01-05P1	European style coupled water closet with seat cover, flush tank C.P. (chrome plated) connector, thimble, etc. a. Type - EWC	5	No.	13,150	65,750	15,114	75,570	15%	18,500	92,500	-41%	
01-05P2	Asian style water closet Orissa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.	8	No.	11,725	93,800	5,676	45,408	-52%	10,000	80,000	-15%	
01-05P3a	double bib cock brass, chromium plated	20	No.			1,320	26,400	0%	2,600	52,000	0%	
01-05P3b	single bib cock brass, chromium plated	4	No.			924	3,696		1,400	5,600		
01-05P4	Wash basin (WB) including C.P P- trap/Bottle Trap, stop cocks, etc. i. With half or full pedestal	11	No.	12,150	133,650	15,127	166,397	25%	14,000	154,000	15%	
	Wash basin hot and cold water mixer, waste, etc for WB	20	No.			2,640	52,800		2,800	56,000		
01-05P6	Toilet Hand Shower with flexible chain & telephone type shower Including tee stop cock etc. complete in all respect. Type - TS	13	No.	3,285	42,705	1,980	25,740	-40%	1,000	13,000	-70%	
01-05P7	Stainless steel lab. sink including stop cocks, P-trap, 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	-26%	10,500	21,000	-46%	
01-05P8	Sink hot and cold water mixer, etc, for following. a. For SK-1	4	No.			3,960	15,840		2,000	8,000		
01-05P9	S.S Grease Trap 7.5 Kg. capacity, inlet/outlet 2" Dia connections.	4	No.			3,300	13,200		16,500	66,000		
01-05P10	Toilet accessories complete set, (Imported make) i. Soap dispenser ii. Toilet paper holder iii. Coat Hook iv. Mirror 5mm (Belgium) v. Paper Rack	6 13 6 120 6	No. No. No. Sft No.	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		
Plumbing Water Supply												
01-05P11	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) ii) ¾" internal dia (32 mm outer dia) iii) 1" internal dia (40 mm outer dia) iv) 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. 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 59,850 133,640 54,000 130,995 -	-33% -5% -22% -1% 9% -	100 125 150 175 200 250 300	5,000 43,750 78,000 23,625 41,000 -	-23% -31% -55% -57% -66%	
01-05P12	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. i) ¾" internal dia (32 mm outer dia) ii) 1" internal dia (40 mm outer dia) iii) 1¼" internal dia (50 mm outer dia) iv) 1½" internal dia (63 mm outer dia) v) 2" internal dia (75 mm outer dia) vi) 2½" internal dia (90 mm outer dia)	2 4 3 2 Rate only No	No. 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		

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
Kanchan Arsenic Filter											
Filter Material.											
01-05P23	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) gauge, including screening and washing as per drawing or directed by the Engineer.	9	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.	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											
01-05P32	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.	100	Rft.	355	35,500	1,584	158,400	346%	2,000	200,000	463%
01-05P33	Boring for tubewell in all types of soil except shingle and rock, 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.	50	Rft.	435	21,750	1,716	85,800	294%	2,000	100,000	360%
01-05P34	Providing and installing P.V.C. ball/End plug B.S.S class 'D', in tubewell bore hole, complete in all respect and as directed by the Engineer.	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.	Rate only	Rft.	-	-	86	-	75	-	-	-
	i) 1" i/d(25mm)	150	Rft.	160	24,000	185	27,750	16%	100	15,000	-38%
	ii) 1-1/4" i/d(30mm)	40	Rft.	200	8,000	264	10,560	32%	150	6,000	-25%
	iii) 2" i/d(50mm)										
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.	40	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.	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.	45	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
A	GENERAL ITEMS	4,381,350	7,225,811	64.92%	4,946,245	13%
B	CIVIL WORKS	56,213,793	56,377,189	0%	67,242,339	20%
C	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%
E	PLUMBING WORKS	2,568,075	3,738,578	46%	2,756,275	7%
Total Cost of School (PKR)		74,028,156	80,763,250	9.10%	92,965,345	26%

BILL OF QUANTITIES

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				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.	1	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.	1	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.	20	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	
01-01 G 20	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).		PS		500,000		500,000			500,000	
01-01 G 21	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		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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				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 BS-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%
SUPER-STRUCTURE WORKS											
Ground Floor (From Plinth level to 1st Slab)											
REINFORCEMENT											
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.						125,000		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS											
01- 02 C 17	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 including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	1,080 1,850 3,790 373 150 84	Cft. Cft. Cft. Cft. Cft. Cft.	405 411 385 445 392 533	437,400 760,350 1,459,150 165,985 58,800 44,772	474 460 369 524 726 837	511,920 851,000 1,398,510 195,452 108,900 70,308	17% 12% -4% 18% 85% 57%	500 500 500 500 500 500	540,000 925,000 1,895,000 186,500 75,000 42,000	23% 22% 30% 12% 28% -6%
First Floor (From 1st Slab to 2nd slab)											
REINFORCEMENT											
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.	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		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS											
01- 02 C 20	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 including shuttering, all accessories or embedded parts. f) Parapet wall for stair cases	1,130 1,900 3,790 176 130 30	Cft. Cft. Cft. Cft. Cft. Cft.	408 414 388 448 395 536	461,040 786,600 1,470,520 78,848 51,350 15,919	488 474 380 540 748 862	551,440 900,600 1,440,200 95,040 97,240 25,601	20% 14% -2% 21% 89% 61%	500 500 500 500 500 500	565,000 950,000 1,895,000 88,000 65,000 14,850	23% 21% 29% 12% 27% -7%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	ALUMINIUM WORKS Ref.Spec. No. C11										
01- 02 C 30	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	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
	STRUCTURAL STEEL Ref. Sec.No. C13										
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.	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%
	FLOOR AND WALL FINISHES Ref.Spec. No. C07										
01- 02 C 36	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%
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.	3,340	Sq.ft.	383	1,279,220	260	868,400	-32%	160	534,400	-58%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				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	600	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.	5,000	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 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	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 redoxidized 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.	395	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 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.	9,704	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.	13,000	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.	1,400	Sq.ft.	1,200	1,680,000	1,406	1,968,400	17%	2,425	3,395,000	102%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 02 C 72	Providing and applying three or more coats of matt emulsion 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%
	WOODEN DOORS Ref.Spec. No. C 09, 12										
01- 02 C 73	Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partial 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	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 around 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%
	FALSE CEILING Ref.Spec. No.										
01- 02 C 75	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%
	Pre cast C.C Patren jali and Railing Ref.Spec. No.										
01- 02 C 76	C.C Patren jali as per approved designed and specification	680	Sq.ft.	127	86,360	104	70,720	-18%	335	227,800	164%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 77	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%
	WATER PROOFING AND BUILTUP ROOFING Ref.Spec. No.C.16										
01- 02 C 78	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%
	FINISHING WORKS For Roof floor / Secound floor BRICK MASONRY Ref.Spec. No. C05										
01- 02 C 79	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	30	Cft.	328	9,840	325	9,750	-1%	425	12,750	30%
	b) 9" thick	453	Cft.	325	147,225	316	143,148	-3%	420	190,260	29%
	c) 13-1/2" thick	20	Cft.	311	6,220	263	5,260	-15%	410	8,200	32%
	DOORS FRAMES Ref.Spec. No. C09 & C11										
01- 02 C 80	G.I frame 16swg redoxidized 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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%
	WOODEN DOORS Ref.Spec. No. C 09, C12										
01- 02 C 95	Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partial 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%
	Pre cast C.C Patren jali and Railing Ref.Spec. No.										
01- 02 C 96	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%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 98	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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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	467	Cft.	305	142,435	309	144,303	1%	415	193,805	36%
	CEMENT PLASTER Ref.Spec. No. C06										
01- 03 D11	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.	903	Sq.ft.	63	56,889	85	76,755	35%	55	49,665	-13%
	PROTECTION WORKS Ref.Spec. No. C16										
01- 03 D12	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.	1,498	Sq.ft.	19	28,462	42	62,916	121%	25	37,450	32%
	COPING Ref.Spec. No. C04										
01- 03 D13	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%
	STRUCTURAL STEEL Ref. Sec.No. C13										
01- 03 D14	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 Ref. Sec.No.										
01- 03 D16	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 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 as directed by the Engineer.	Rate only	No.	4,000		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.	4,463	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.	4,463	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)	8	No.	200	1,600	528	4,224	164%	1,000	8,000	400%
	b) Babul (3 to 4 feet)	7	No.	200	1,400	264	1,848	32%	1,000	7,000	400%
	c) Golmohar (3 to 4 feet)	14	No.	300	4,200	264	3,696	-12%	1,000	14,000	233%
	d) Champa (2 to 3 feet)	12	No.	250	3,000	528	6,336	111%	1,000	12,000	300%
	e) Crape Jasmine (2 to 3 feet)	13	No.	150	1,950	528	6,864	252%	1,000	13,000	567%
	f) Cement Concrete planters.	100	Rft	400	40,000	691	69,100	73%	500	50,000	25%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 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	-	-11%
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	-	85			50	-	19%
01- 03 D35	Providing embedding 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	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%
	Soakage Pit										
01- 03 D38	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	Cft.	15	10,680	20	14,240	33%	15	10,680	0%
	c) More than 10 ft upto 17 ft.	784	Cft.	15	11,760	26	20,384	73%	25	19,600	67%
01- 03 D39	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	144	Cft	250	36,000	250	36,000	0%	400	57,600	60%
	b) 9" thick	72	Cft	250	18,000	301	21,672	20%	410	29,520	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%	515	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%
	Ground Storage Tank / Pump Room										
01- 03 D45	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	508	Cft.	12	6,090	13	6,598	8%	10	5,075	-17%
	b) More than 5 ft upto 10 ft.	8	Cft.	15	126	20	168	33%	15	126	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D59	Providing and applying three or more coats of matt emulsion 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	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	9,450	528	7,920	-16%	2,000	30,000	217%
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	25%
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	67%
	Tube Well / Penumatic Pump Construction works										
01- 03 D62	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 to be approved by the Engineer) upto free haulage limit.	20	Cft.	8	160	13	260	63%	175	3,500	2088%
		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; Pre-cast R.C.C Slab	15	Cft.	350	5,250	594	8,910	70%	515	7,725	47%
01- 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	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 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%
01- 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.	285	Sq.ft.	63	17,955	85	24,225	35%	45	12,825	-29%
01- 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.	68	1,700	53	1,325	-22%	35	875	-49%
01- 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	10,200	93	13,950	37%	40	6,000	-41%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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	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	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	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	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	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	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	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	2,780	42	7,783	180%	25	4,633	67%
EXTERNAL DEVELOPEMENT											
Holding Tank											
01- 03 D92	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	755	Cft.	12	9,060	13	9,815	8%	10	7,550	-17%
	b) More than 5 ft upto 10 ft.	540	Cft.	15	8,100	20	10,800	33%	15	8,100	0%
01- 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%
01- 03 D94	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystalline water proofing coating.	466	Sq.ft.	80	37,280	54	25,164	-33%	100	46,600	25%
01- 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.	107	Cft.	280	29,960	297	31,779	6%	515	55,105	84%
	b) Walls including chamfer etc.	335	Cft.	335	112,225	472	158,120	41%	515	172,525	54%
	c) Top Slab	89	Cft.	350	31,150	335	29,815	-4%	515	45,835	47%
01- 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%
01- 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.	68	6,936	53	5,406	-22%	40	4,080	-41%

SECTION - 4
ELECTRICAL WORKS

SINDH BASIC EDUCATION PROGRAM
GBPS AITBAR KHAN CHANDIO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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.											
	i) MDBLP-GF	1	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%	
	iii) DBLP-GF2	1	No.	79,275	79,275	71,280	71,280	-10%	56,000	56,000	-29%	
	vi) DBLP-FF1	1	No.	130,200	130,200	106,260	106,260	-18%	40,000	40,000	-69%	
	v) DBLP-FF2	1	No.	182,700	182,700	176,220	176,220	-4%	62,000	62,000	-66%	
	vii) MCC-WP	1	No.	240,345	240,345	179,520	179,520	-25%	48,000	48,000	-80%	
	viii) 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		
26-04E 2	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 prelaidd 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.											
	a) 4 Core Cu/PVC/PVC CABLE											
	i. 4 core 10mm.sq.	500	R.ft	383	191,500	247	123,500	-36%	1,800	900,000	370%	
	ii. 4 core 16mm.sq.	150	R.ft	525	78,750	355	53,250	-32%	2,400	360,000	357%	
	iii. 4 core 50mm.sq.	100	R.ft	1,171	117,100	822	82,200	-30%	5,600	560,000	378%	
	b) Circuit Protective Conductor (CPC)											
	i. 1 core 10mm sq. PVC insulated colour Green/Yellow.	500	R.ft	84	42,000	67	33,500	-20%	525	262,500	525%	
	ii. 1 core 16mm sq. PVC insulated colour Green/Yellow.	150	R.ft	110	16,500	102	15,300	-7%	750	112,500	582%	
	iii. 1 core 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	0%	
	b) 38mm (1.5") dia. PVC conduit to pull electric cable.	150	R.ft	126	18,900	63	9,450	-50%	125	18,750	-1%	
	c) 50mm (2") dia. PVC conduit to pull electric cable.	85	R.ft	184	15,640	85	7,225	-54%	150	12,750	-18%	
	d) 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		
26-04E 4	PART-3 Wiring & Conduiting Circuit Wiring & Conduiting											
	a) 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%	
	b) 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%	

SECTION - 4
ELECTRICAL WORKS

SINDH BASIC EDUCATION PROGRAM
GBPS AITBAR KHAN CHANDIO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 7	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 by the Engineer.											
	i) One gang - 1 Way Switch	8	Nos.	415	3,320	274	2,192	-34%	450	3,600	8%	
	ii) Two gang - 1 Way Switch	22	Nos.	551	12,122	370	8,140	-33%	550	12,100	0%	
	iii) Three gang - 1 Way Switch	10	Nos.	693	6,930	471	4,710	-32%	650	6,500	-6%	
	iv) Four gang - 1 Way Switch	2	Nos.	830	1,660	572	1,144	-31%	750	1,500	-10%	
	v) One gang - Fan Dimmer	7	Nos.	1,591	11,137	1,078	7,546	-32%	1,200	8,400	-25%	
	vi) Two gang - Fan Dimmer	25	Nos.	2,940	73,500	2,059	51,475	-30%	1,800	45,000	-39%	
31-04E 8	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, as per approved manufacturer list and approval by the Engineer.											
	i) 10A, 2-pin universal Switch Socket outlet.	25	Nos.	704	17,600	476	11,900	-32%	550	13,750	-22%	
	ii) 13A, 3-pin Simplex Switch Socket outlet.	31	Nos.	809	25,079	500	15,500	-38%	750	23,250	-7%	
	iii) 13A, 3-pin Duplex Switch Socket outlet.	10	Nos.	1,244	12,440	870	8,700	-30%	1,200	12,000	-4%	
	iv) 15A, 3-pin simplex Switch Socket outlet.	6	Nos.	977	5,862	644	3,864	-34%	750	4,500	-23%	
	v) Floor Box - Type B	16	Nos.	2,000	32,000	5,940	95,040	197%	1,000	16,000	-50%	
31-04E 9	LOAD BREAK SWITCHES Supply, installation, testing & commissioning of following size Load Break switch with MS back box including all accessories complete in all respects as per specifications, drawings & approval of the Engineer											
	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: EARTHING SYSTEM												
31-04E 10	Earth Electrode Supply at site and installation of Stainless Steel copper clad earth electrodes, 10 feet long and 20mm dia including cost of all necessary materials, complete in all respects, as per specification.	9	Nos.	11,067	99,603	33,660	302,940	204%	32,000	288,000	189%	
31-04E 11	Copper Conductor											
	a) Supply, installation and connecting up of 1 x 16sqmm 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, includes excavation, backfilling of earth, cad-welding of copper conductor to earth electrode rod at one end and provision/ fixing of cable lugs at other end, including all accessories as per the Specifications and Drawings and to the entire satisfaction and approval of the Engineer.	10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785%	
	b) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, from Pit to ECP / MCC, as per drawing or as per the instructions of the engineer. including cost of excavation, backfilling of earth, brass nuts, bolts, washers, all necessary accessories, complete in all respects.	40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%	
	c) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit, from ECP to U-link box and from U-Link box to data patch panel, 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.	85	R.ft	205	17,425	197	16,745	-4%	2,200	187,000	973%	
	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.	375	R.ft	394	147,750	543	203,625	38%	3,450	1,293,750	776%	

SECTION - 4
ELECTRICAL WORKS

SINDH BASIC EDUCATION PROGRAM
GBPS AITBAR KHAN CHANDIO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 18	Patch Panel a) Supply and installation of following Patch Panels complete in all respects as per the specifications and drawings and to the approval of the Engineer. i) 24 Port Patch Panel	1	Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
31-04E 19	Telephone / Data Patch Cords a) Supply and connecting of telephone 2 Pair drop cord 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. i) 1 meter long ii) 3 meter long	5	Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	1329%
		24	Nos.	935	22,440	800	19,200	-14%	750	18,000	-20%
		24	Nos.	1,391	33,384	1,155	27,720	-17%	1,000	24,000	-28%
31-04E 20	Communication Rack Supply installation of 15U Data racks for the fixing of 12 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.	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
31-04E 21	Telephone Sets Supply and connection of following type of Telephone sets. a) Telephone with CLI Module b) Telephone without CLI Module	2	Nos.	4,568	9,136	2,376	4,752	-48%	3,000	6,000	-34%
		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 Alarm System											
31-04E 22	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. i) Smoke detector with buzzer ii) Heat detector with buzzer	8	Nos.	7,345	58,760	2,857	22,856	-61%	12,000	96,000	63%
		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	
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	1,380,000	301%
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.	530	R.ft.	362	191,860	775	410,750	114%	1,200	636,000	231%
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, complete in all respects.	6	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	117%
Sub- Total (Rs.)					653,378		1,711,580			2,089,000	

SECTION - 4
ELECTRICAL WORKS

SINDH BASIC EDUCATION PROGRAM
GBPS AITBAR KHAN CHANDIO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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. i) 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%
31-04E 35	Utility / PTCL Connection a) 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. 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	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	2621%
		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 SOLAR ROOM ELECTRIFICATION WORKS											
31-04E 36	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). b) Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%
		2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%
31-04E 37	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 i) Four gang - 1 Way Switch	1	Nos.	830	830	572	572	-31%	750	750	-10%
31-04E 38	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 dr i) 13A, 3-pin Duplex Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%
31-04E 39	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. i) Heat detector with buzzer	1	Nos.	7,838	7,838	2,317	2,317	-70%	13,500	13,500	72%
31-04E 40	Circuit Wiring & Conduiting a) 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. b) Same as item (a) but wiring from switch to power outlet. 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.	1	Nos.	4,615	4,615	2,789	2,789	-40%	4,200	4,200	-9%
		1	Nos.	1,118	1,118	1,908	1,908	71%	3,800	3,800	240%
		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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
Plumbing Sewerage											
01-05P13	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	105	Rft.	145	15,225	245	25,725	69%	250	26,250	72%
	3" dia	Rate only	Rft.	180		317	-	76%	350		94%
	4" dia	440	Rft.	235	103,400	472	207,680	101%	450	198,000	91%
	6" dia	110	Rft.	610	67,100	471	51,810	-23%	650	71,500	7%
01-05P14	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 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	
01-05P16	Providing and constructing gully trap of size 6" x 6" at locations shown on drawings with cover, complete in all respects.	4	No.	7,170	28,680	6,600	26,400	-8%	4,500	18,000	-37%
01-05P17	Providing and fixing Clean Out complete in all respects	8	No.	1,865	14,920	3,300	26,400	77%	2,000	16,000	7%
Water Cooler											
01-05P18	Providing and fixing drinking water cooler of capacity 60 gallons per hour including all accessories and making 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.)					716,190		890,435			520,250	
EXTERNAL DEVELOPMENT											
Septic Tank											
01-05P19	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.										
	6" i/d (150 mm)	15	Rft.	610	9,150	471	7,065	-23%	650	9,750	7%
	4" dia, pipe selevs in walls	5	Nos	850	4,250	990	4,950	16%	4,000	20,000	371%
	6" dia, pipe selevs 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 B.S.S. with 'B' Class working pressure pipe, in trenches, complete in all respects as per drawing or directed by the Engineer.										
	6" i/d (150 mm)	5	Rft.	610	3,050	1,657	8,285	172%	6,500	32,500	966%
Ground Water Storage Tank											
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.										
	i) ¾" dia	5	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 selevs, 9" long	2	Nos	455	910	594	1,188	31%	3,000	6,000	559%
Overhead Water Storage Tank											
01-05P22A	Vent Pipe 4" dia as per drawing and specifications for 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%
01-05P22B	Providing, laying, cutting, jointing, testing and disinfecting brass pipe selevs/ connection pie with puddle including coupler (Heavy Quality) of approved as per B.S.S coads complete in all respects, with coupler, puddle flange, specials as per drawing or directed by the Engineer.										
	i) 1½" dia, pipe selevs, 10" long	2	Nos	1,110	2,220	2,640	5,280	138%	4,000	8,000	260%
	ii) 2½" dia, pipe selevs, 10" long	3	Nos	1,490	4,470	5,280	15,840	254%	6,000	18,000	303%

SECTION - 5
PLUMBING WORKS

SINDH BASIC EDUCATION PROGRAM
GBPS AITBAR KHAN CHANDIO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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 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	-7%	92,000	92,000	44%
EXTERNAL PIPING											
Plumbing Water Supply											
01-05P42	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	-		100		
	ii) ¾" internal dia (32 mm outer dia)	30	Rft.	180	5,400	171	5,130	-5%	125	3,750	-31%
	iii) 1" internal dia (40 mm outer dia)	150	Rft.	160	24,000	257	38,550	61%	150	22,500	-6%
	iv) 1¼" 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	Rft.	585	7,605	639	8,307	9%	200	2,600	-66%
	vi) 2" internal dia (75 mm outer dia)	Rate only	Rft.			858	-		250		
	vii) 2½" internal dia (90 mm outer dia)	Rate only	Rft.			1,122	-		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.										
	i) ¾" internal dia (32 mm outer dia)	2	No	3,190	6,380	3,705	7,410	16%	750	1,500	-76%
	ii) 1" internal dia (40 mm outer dia)	4	No	4,670	18,680	4,330	17,320	-7%	1,000	4,000	-79%
	iii) 1¼" internal dia (50 mm outer dia)	3	No	7,075	21,225	6,600	19,800	-7%	1,200	3,600	-83%
	iv) 1½" internal dia (63 mm outer dia)	0	No	9,870	-	11,708	-	19%	1,500	-	-85%
	v) 2" internal dia (75 mm outer dia)	Rate only	No			15,907	-		2,000		
	vi) 2½" internal dia (90 mm outer dia)	Rate only	No			40,788	-		2,500		
Plumbing Sewerage											
01-05P44	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	Rate only	Rft.			245	-		250		
	3" dia	Rate only	Rft.			317	-		350		
	4" dia	32	Rft.	235	7,520	472	15,104	101%	450	14,400	91%
	6" dia	430	Rft.	610	262,300	471	202,530	-23%	650	279,500	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.	10	No.			33,000	330,000		7,500	75,000	
01-05P47	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		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	
Water Supply Pump For GST											
01-05P49	Supply at site, installation, testing and commissioning of water supply reciprocating pump with 2HP motor as per specification complete in all respect.	2	No	40,045	80,090	198,000	396,000	394%	7,600	15,200	-81%
Sub- Total (Rs.)					858,760		1,811,863			1,384,800	
Total Cost for Plumbing Works Rs.					2,568,075		3,738,578			2,756,275	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
Temporary Facilities (Optional Items)											
Ref.Spec. No. G05											
01- 01 G 1	Providing and maintaining a rental building of area 3200 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 by the Engineer.	20	Month	30,000	600,000	132,000	2,640,000	340%	128,000	2,560,000	327%
OR											
01- 01 G 2	Providing and maintaining a tent school of area 3200 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 by the Engineer.	20	Month	22,000	440,000	104,280	2,085,600	374%	112,000	2,240,000	409%
OR											
01- 01 G 3	Providing and maintaining porta cabins for school of area 3200 sq. ft for education purpose during the entire 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	90,000	1,800,000	450,000	9,000,000	400%	144,000	2,880,000	60%
01- 01 G 4	Shifting of furnitures and equipemnts and reinstall etc from existing school to rental building and reinstall as per specification and directed by the engineer.	1	L.S	30,000	30,000	264,000	264,000	780%	100,000	100,000	233%
Site Clearing and Grubbing											
Ref.Spec. No. C01											
01- 01 G 7	Clearing and Grubbing complete in all respect as directed by the Engineer.	21,600	Sft	5	108,000	3	64,800	-40%	15	324,000	200%
DISMANTLING WORK											
Ref.Spec. No. G04											
01- 01 G 8	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.	1,000	Sft	30	30,000	66	66,000	120%	120	120,000	300%
01- 01 G 9	Dismantling, removing of existing sewerage lines including any structure as per site and as directed by the Engineer. Dismantled material shall be contractor's	50	Rft.	105	5,250	660	33,000	529%	125	6,250	19%
01- 01 G 10	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.	50	Rft.	18	900	66	3,300	267%	60	3,000	233%
01- 01 G 11	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 12	Dismatting 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.	50	Rft	105	5,250	198	9,900	89%	200	10,000	90%
01-31 G 12A	Dismatting, removing of existing walkways/platform 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.	100	Sft	25	2,500	33	3,300	32%	35	3,500	40%
POWER SUPPLY & TELECOMMUNICATION											
01- 01 G 13	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.	1	Job	120,000	120,000	198,000	198,000	65%	50,000	50,000	-58%
01- 01 G 14	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.	1	Job	25,000	25,000	13,200	13,200	-47%	30,000	30,000	20%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
CONSTRUCTION OF SCHOOL BUILDING												
SUB-STRUCTURE												
EARTHWORKS												
Ref.Spec. No. C02												
01- 02 C 1	Excavation in all kinds of sub-surface materials, 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	-17%	
	b) More than 5 ft upto 10 ft.	1000	Cft.	15	15,000	11	11,000	-27%	15	15,000	0%	
01- 02 C 2	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)	33733	Cft.	8	269,863	13	438,527	63%	101	3,407,017	1163%	
	b) Obtained from outside sources (material / source to be approved by the Engineer) upto free haulage limit.	22489	Cft.	22	494,748	40	899,542	82%	25	562,214	14%	
DEWATERING												
Ref.Spec. No. G03												
01- 02 C 3	Designing, providing and installation of complete dewatering system including boring, strainer, filter and other all materials, pumping and disposal of water upto Engineer's satisfaction and to keep the construction surface dry all the time.											
	a) Completion of installation works at site, up 100% running/ working position	1	L.S.	1,000,000	1,000,000	264,000	264,000	-74%	250,000	250,000	-75%	
	b) Dewatering, days not allow more then/ maximum payable	15	Day	25,000	375,000	5,280	79,200	-79%	4,000	60,000	-84%	
TERMITE CONTROL TREATMENT												
Ref.Spec. No. C03												
01- 02 C 4	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%	
REINFORCEMENT												
Ref.Spec. No. C04												
01- 02 C 5	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	-12%	
01- 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 FORMWORKS												
Ref.Spec. No. C04												
01- 02 C 7	Blinding concrete 1250 psi using slag cement conforming to BS-146.	3200	Cft.	243	777,600	199	636,800	-18%	185	592,000	-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 / Raft foundation	10335	Cft.	321	3,317,535	297	3,069,495	-7%	495	5,115,825	54%	
	b) Columns upto plinth	982	Cft.	396	388,821	472	463,443	19%	495	486,026	25%	
	c) Plinth beams	2230	Cft.	385	858,550	455	1,014,650	18%	495	1,103,850	29%	
	d) SOG & Ramps Slabs	95	Cft.	358	34,010	335	31,825	-6%	495	47,025	38%	
	e) Walls	35	Cft.	354	12,390	459	16,065	30%	495	17,325	40%	
BRICK MASONRY												
Ref.Spec. No. C05												
07- 02 C 9	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.	1981	Cft.	284	562,604	289	572,509	2%	390	772,590	37%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff
PLAIN AND REINFORCED CONCRETE AND FORMWORKS Ref.Spec. No. C04											
01- 02 C 20	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	1,130	Cft.	408	461,040	488	551,440	20%	500	565,000	23%
	b) Beams & lintels	1,900	Cft.	414	786,600	474	900,600	14%	500	950,000	21%
	c) Slab & projections	3,790	Cft.	388	1,470,520	380	1,440,200	-2%	500	1,895,000	29%
	d) Stair cases	176	Cft.	448	78,848	540	95,040	21%	500	88,000	12%
	e) Precast window sill as per design and erecting/ fixing including shuttering, all accessories or embedded parts.	130	Cft.	395	51,350	748	97,240	89%	500	65,000	27%
	f) Parapet wall for stair cases	30	Cft.	536	15,919	862	25,601	61%	500	14,850	-7%
Second Floor / Roof (From 2nd slab to 3rd slab & tower)											
REINFORCEMENT Ref.Spec. No. C04											
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.	5	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.		Rate only ton.			111,626			127,000		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS Ref.Spec. No. C04											
01- 02 C 23	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;										
	a) Columns	110	Cft.	411	45,210	502	55,220	22%	515	56,650	25%
	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	425	Cft.	539	229,075	556	236,300	3%	515	218,875	-4%
	e) Precast coping for parapet wall at roof and erecting/ fixing including shuttering and all accessories and/or embedded parts.	415	Rft.	266	110,390	771	319,965	190%	552	229,080	108%
	g) Over head water tank, column, walls & slab	280	Cft.	407	113,960	423	118,440	4%	532	148,960	31%
	f) Others Misc Str	20	Cft.	360	7,200	766	15,320	113%	520	10,400	44%
FINISHING WORKS For Ground floor BRICK MASONRY Ref.Spec. No. C05											
01- 02 C 24	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	900	Cft.	305	274,500	309	278,100	1%	410	369,000	34%
	b) 9" thick	4,470	Cft.	288	1,287,360	301	1,345,470	5%	400	1,788,000	39%
	c) 13-1/2" thick	35	Cft.	283	9,905	250	8,750	-12%	390	13,650	38%
DOORS FRAMES Ref.Spec. No. C09 & C11											
01- 02 C 25	G.I frame 16swg redoxidized 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.	475	R.ft.	230	109,250	446	211,850	94%	125	59,375	-46%
CEMENT PLASTER Ref.Spec. No. C06											
01- 02 C 26	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.	325	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.	6,900	Sq.ft.	51	351,900	53	365,700	4%	35	241,500	-31%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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.	3,340	Sq.ft.	383	1,279,220	260	868,400	-32%	160	534,400	-58%
MARBLE WORKS											
Ref.Spec. No. C07 & C08											
01- 02 C 41	Pre-polished marble on entrance steps, stairs, ramp & floor etc using 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.										
	a) Entrance Steps & Platform (3/4" thick)	320	Sq.ft.	304	97,280	485	155,200	60%	835	267,200	175%
	b) Entrance Steps Risers (1/2" thick)	70	Sq.ft.	164	11,480	229	16,030	40%	365	25,550	123%
01- 02 C 42	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.	382	Sq.ft.	304	116,128	485	185,270	60%	900	343,800	196%
01- 02 C 43	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.	102	Sq.ft.	160	16,320	229	23,358	43%	425	43,350	166%
01- 02 C 44	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.	56	Sq.ft.	153	8,568	233	13,048	52%	400	22,400	161%
01- 02 C 45	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.	40	Sq.ft.	253	10,120	406	16,240	60%	400	16,000	58%
PAINTING											
Ref.Spec. No. C10											
01- 02 C 46	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.	6,900	Sq.ft.	24	165,600	26	179,400	8%	45	310,500	88%
01- 02 C 47	Providing and applying three or more coats of matt emulsion 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.	16,560	Sq.ft.	37	612,720	40	662,400	8%	45	745,200	22%
01- 02 C 48	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.	325	Sq.ft.	30	9,750	40	13,000	33%	40	13,000	33%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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.	13,000	Sq.ft.	68	884,000	95	1,235,000	40%	50	650,000	-26%
	ALUMINIUM WORKS Ref.Spec. No. C 11										
01- 02 C 58	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.	1,400	Sq.ft.	1,200	1,680,000	1,406	1,968,400	17%	2,425	3,395,000	102%
	STRUCTURAL STEEL Ref. Sec.No. C 13										
01- 02 C 59	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%
01- 02 C 61	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		789		-39%	4,800		269%
	FLOOR AND WALL FINISHES Ref.Spec. No. C 07, 08										
01- 02 C 62	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	-13%
01- 02 C 63	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	-23%
01- 02 C 64	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%
01- 02 C 65	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	-61%
	MARBLE WORKS Ref.Spec. No. C 07, 08										
01- 02 C 66	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%
01- 02 C 67	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%
01- 02 C 68	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	174%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	FINISHING WORKS For Roof floor / Secound floor BRICK MASONRY Ref.Spec. No. C05											
01- 02 C 79	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	30	Cft.	328	9,840	325	9,750	-1%	425	12,750	30%	
	b) 9" thick	453	Cft.	325	147,225	316	143,148	-3%	420	190,260	29%	
	c) 13-1/2" thick	20	Cft.	311	6,220	263	5,260	-15%	410	8,200	32%	
	DOORS FRAMES Ref.Spec. No. C09 & C11											
01- 02 C 80	G.) frame 16swg redoxidized 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%	
	CEMENT PLASTER Ref.Spec. No. C 06											
01- 02 C 81	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.	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 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.	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 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.	360	Sq.ft.	50	18,000	67	24,120	34%	65	23,400	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.	230	Sq.ft.	66	15,180	54	12,420	-18%	100	23,000	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.	130	Sq.ft.	55	7,150	37	4,810	-33%	100	13,000	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- 02 C 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%	
	FLOOR AND WALL FINISHES Ref.Spec. No. C 07, 08											
01- 02 C 89	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%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff
EXTERNAL DEVELOPEMENT											
DEWATERING											
Ref.Spec. No. G03											
01- 03 D4	Designing, providing and installation of complete dewatering system including boring, strainer, filter and other all materials, pumping and disposal of water upto Engineer's satisfaction and to keep the construction surface dry all the time.										
	a) Completion of installation works at site, up 100% running/ working position	Rate only	L. S. Day	434,417		330,000			250000		
	b) Dewatering	Rate only	Day	10,800		6,600			4000		
CONSTRUCTION OF BOUNDARY WALL											
Ref.Spec. No. C02											
EARTHWORKS											
Ref.Spec. No.											
01- 03 D 1	Excavation in all kinds of sub-surface materials, timbering upto following depths including disposal of surplus / rejected excavated materials to designated places.										
	a) 0 ft to 5 ft.	4,500	Cft.	12	54,000	13	58,500	8%	10	45,000	-17%
01- 03 D 2	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)	1987.76	Cft.	8	15,902	13	25,841	63%	15	29,816	88%
	b) Obtained from outside sources (material / source to be approved by the Engineer) upto free haulage limit.	260	Cft.	22	5,720	40	10,400	82%	25	6,500	14%
01- 03 D3	Area Fill with selected materials from outside source including watering and compaction to every layer as per specification for Play ground.	15,639	Cft.	22	344,058	40	625,560	82%	20	312,780	-9%
TERMITE CONTROL TREATMENT											
Ref.Spec. No. C03											
01- 03 D5	Termite control treatment to surfaces following structures complete in all respect as per specification: (Only plan area will be measured)	2,237.60	Sq.ft.	22	49,227	11	24,614	-50%	15	33,564	-32%
REINFORCEMENT											
Ref.Spec. No. C04											
01- 03 D6	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	5.50	ton.	142,289	782,590	114,385	629,118	-20%	125000	687,500	-12%
PLAIN AND REINFORCED CONCRETE											
Ref.Spec. No. C04											
01- 03 D7	Blinding concrete 1250 psi using slag cement conforming to BS-146.	666	Cft.	243	161,838	199	132,534	-18%	160	106,560	-34%
01- 03 D8	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) Footings	1,327	Cft.	321	425,967	297	394,119	-7%	500	663,500	56%
	b) Columns upto plinth	125	Cft.	396	49,500	472	59,000	19%	500	62,500	26%
	c) Plinth beams	584.50	Cft.	385	225,033	455	265,948	18%	500	292,250	30%
01- 03 D9	Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following complete in all respect as per drawings and specification;										
	a) Columns	403.90	Cft.	405	163,580	551	222,549	36%	500	201,950	23%
BRICK MASONRY											
Ref.Spec. No. C05											
01- 03 D10	Solid brick masonry wall 9" thick with using slag cement conforming to BS-146 set in 1:4 cement sand mortar, straight or curve below plinth beam, planters 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	389.47	Cft.	288	112,167	301	117,230	5%	410	159,683	42%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff
Foothpath Walkway (Precast Paving Blocks / Tiles)											
Ref. Sec.No.											
01- 03 D22	4" 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.	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, joints etc complete as shown in the drawings.	650	Sq.ft.	65	42,250	123	79,950	89%	95	61,750	46%
EXTERNAL SEWER & MANHOLES											
01- 03 D25	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.	5	Nos.	8,125	40,625	31,680	158,400	290%	22000	110,000	171%
	i. 24" x 24" SIZE	2	Nos.	12,500	25,000	36,960	73,920	196%	33000	66,000	164%
	ii. 36" x 36" SIZE										
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%
Septic Tank											
01- 03 D27	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.	747	Cft.	12	8,964	13	9,711	8%	10	7,470	-17%
	a) 0 to 5 ft	387	Cft.	15	5,805	20	7,740	33%	15	5,805	0%
	b) More than 5 ft upto 10 ft.										
01- 03 D28	Blinding concrete 1250 psi using slag cement conforming to BS-146	50	Cft.	243	12,029	199	9,851	-18%	160	7,920	-34%
01- 03 D29	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystalline 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 Crystalline 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.	100	Cft.	280	27,972	297	29,670	6%	500	49,950	79%
	a) Base Slab.	311	Cft.	345	107,123	472	146,556	37%	500	155,250	45%
	b) Walls including chamfer etc.	63	Cft.	350	22,050	335	21,105	-4%	500	31,500	43%
	c) Top Slab										
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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff
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.										
	a) Base Slab.	70	Cft.	280	19,600	297	20,790	6%	515	36,050	84%
	b) Walls including chamfer etc.	179	Cft.	345	61,583	472	84,252	37%	515	91,928	49%
	c) Top slabs	24	Cft.	350	8,400	335	8,040	-4%	515	12,360	47%
	d) Precast Slab	7	Cft.	350	2,450	515	3,605	47%	515	3,605	47%
01- 03 D48	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	99,602	114,385	80,070	-20%	125000	87,500	-12%
01- 03 D49	Providing embedding 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.	39	Rft.	309	11,897	422	16,247	37%	1250	48,125	305%
01- 03 D50	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	46	Cft.	288	13,306	301	13,906	5%	410	18,942	42%
01- 03 D51	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%	8000	16,000	-72%
01- 03 D52	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	8	No.	2,390	19,120	3,300	26,400	38%	1500	12,000	-37%
01- 03 D53	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.	63	Sq.ft.	63	3,969	85	5,355	35%	45	2,835	-29%
01- 03 D54	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.	8	Sq.ft.	51	428	53	445	4%	35	294	-31%
01- 03 D55	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.	28	Sq.ft.	68	1,904	93	2,604	37%	40	1,120	-41%
01- 03 D56	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.	130	Sq.ft.	50	6,475	111	14,375	122%	60	7,770	20%
01- 03 D57	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 D58	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff
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 specifications and drawings.	25	Sq.ft.	42	1,050	67	1,675	60%	115	2,875	174%
01- 03 D72	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 D73	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%
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%
01- 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 emulsion 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%
01- 03 D80	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. 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.	43	Cft.	8	340	13	553	63%	175	7,438	2088%
		85	Cft.	22	1,870	40	3,400	82%	250	21,250	1036%
01- 03 D82	Blinding concrete 1250 psi using slag cement conforming to BS-146	12	Cft.	243	2,916	199	2,388	-18%	185	2,220	-24%
01- 03 D83	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	20	Cft.	280	5,600	297	5,940	6%	515	10,300	84%
	b) Columns up bottom first slab	18	Cft.	345	6,210	472	8,496	37%	515	9,270	49%
	c) Slabs & projection	28	Cft.	350	9,800	369	10,332	5%	515	14,420	47%
	e) Walls including chamfer etc.	72	Cft.	335	24,120	472	33,984	41%	515	37,080	54%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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 embedding 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 heavy 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	61,500	13	66,625	8%	10	51,250	-17%
		-	Cft.	15	-	20	-	33%	15	-	0%
01- 03 D104	Blinding concrete 1250 psi using slag cement conforming to BS-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 heavy 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%
Total Cost for External Development Rs.					6,814,134		8,575,674			8,484,224	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
c)	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.	147	Nos.	961	141,267	1,558	229,026	62%	2800	411,600	191%
d)	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 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%
f)	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.	31	Nos.	1118	34,658	1,809	56,079	62%	2800	86,800	150%
h)	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, OUTLETS & ACCESSORIES											
31-04E 5	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%
c.	Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	22	Nos.	6,704	147,488	5,427	119,394	-19%	4800	105,600	-28%
d.	Fluorescent Light TCS398 2x36Watt TL-D lamp color 84 with M6 Louver & electronic ballast.	70	Nos.	6,778	474,460	6,286	440,020	-7%	3950	276,500	-42%
e.	Fluorescent Light TBS 318 with 1x36Watt TL-D lamp color 84 w electronic ballast.	16	Nos.	8,253	132,048	4,654	74,464	-44%	2800	44,800	-66%
31-04E 6	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 by Engineer.										
a.	56" dia.	15	Nos.	4,888	73,320	5,214	78,210	7%	4800	72,000	-2%
b.	48" dia.	41	Nos.	4,221	173,061	5,148	211,068	22%	4200	172,200	0%
c.	36" dia.	1	Nos.	3,549	3,549	4,950	4,950	39%	3600	3,600	1%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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.	375	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.	15	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.	2	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.	2	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											
31-04E 16	Telephone / Data Network										
a)	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.	230	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.	150	R.ft	74	11,100	43	6,450	-42%	450	67,500	508%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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, complete in all respects.	6	Nos.	16,538	99,228	30,858	185,148	87%	5500	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%	5000	40,000	117%
Sub- Total (Rs.)					653,378		1,711,580			2,089,000	
PART -9 Public Address System											
31-04E 27	Amplifier a) 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. i) 30W	2	Nos.	22,344	44,688	39,593	79,186	77%	20000	40,000	-10%
31-04E 28	Speakers a) Supply, installation & commissioning of 10W wall mounted speaker with all accessories 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	
PART -10 EXTERNAL AREA LIGHTING											
31-04E31	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) Britlite 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%
31-04E32	Wiring & Conduiting a) Circuit Wiring and conduiting from DB to first light point with 1 x 4 sq.mm 3 core Cu/PVC 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%
	b) Same as item (h) but wiring from light point to light point.	11	Nos.	3,917	43,087	2,956	32,516	-25%	4000	44,000	2%
Sub- Total (Rs.)					184,447		112,831			166,400	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 40	Circuit Wiring & Conduiting										
	a) 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.	1	Nos.	4,615	4,615	2,789	2,789	-40%	4200	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%	3800	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 Engineer.	4	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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	Plumbing Sewerage										
01-05P13	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	105	Rft.	145	15,225	245	25,725	250	26,250		
	3" dia		Rate only	Rft.	180		317		350		
	4" dia	440	Rft.	235	103,400	472	207,680	450	198,000		
	6" dia	110	Rft.	610	67,100	471	51,810	650	71,500		
01-05P14	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	1000	49,000		
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 with 1:3 cement sand mortar including 18" dia manhole cover and frame, rungs, complete as per drawings.	5				33,000	165,000	7500	37,500		
01-05P16	Providing and constructing gully trap of size 6" x 6" at locations shown on drawings with cover, complete in all respects.	4	No.	7,170	28,680	6,600	26,400	4500	18,000		
01-05P17	Providing and fixing Clean Out complete in all respects	8	No.	1,865	14,920	3,300	26,400	2000	16,000		
	Water Cooler										
01-05P18	Providing and fixing drinking water cooler of capacity 60 gallons per hour including all accessories and making 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	26000	104,000		
	Sub- Total (Rs.)				716,190		890,435		520,250		
	EXTERNAL DEVELOPMENT										
	Septic Tank										
01-05P19	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.										
	6" i/d (150 mm)	15	Rft.	610	9,150	471	7,065	650	9,750		
	4" dia, pipe selevs in walls	5	Nos	850	4,250	990	4,950	4000	20,000		
	6" dia, pipe selevs in walls	2	Nos	1,520	3,040	1,254	2,508	6000	12,000		
	Soakage Pit										
01-05P20	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.										
	6" i/d (150 mm)	5	Rft.	610	3,050	1,657	8,285	6500	32,500		
	Ground Water Storage Tank										
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.										
	i) 1/2" dia	5	Rft.	175	875	137	685	1000	5,000		
	ii) 1 1/2" dia	5	Rft.	315	1,575	262	1,310	2000	10,000		
	iii) 2" dia, pipe selevs, 9" long	2	Nos	455	910	594	1,188	3000	6,000		
	Overhead Water Storage Tank										
01-05P22A	Vent Pipe 4" dia as per drawing and specifications for 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	10000	40,000		
	Overhead Water Storage Tank										
01-05P22B	Providing, laying, cutting, jointing, testing and disinfecting brass pipe selevs/ connection pie with puddle including coupler (Heavy Quality) of approved as per B.S.S coads complete in all respects, with coupler, puddle flange, specials as per drawing or directed by the Engineer.										
	i) 1 1/4" dia, pipe selevs, 10" long	2	Nos	1,110	2,220	2,640	5,280	4000	8,000		
	ii) 2 1/2" dia, pipe selevs, 10" long	3	Nos	1,490	4,470	5,280	15,840	6000	18,000		

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	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.	1	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										
	Plumbing Water Supply										
01-05P42	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) 1/2" internal dia (20 mm outer dia)	Rate only	Rft.			87	-		100	-	
	ii) 3/4" 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) 1 1/4" internal dia (50 mm outer dia)	130	Rft.	405	52,650	400	52,000		175	22,750	
	v) 1 1/2" 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)	Rate only	Rft.			858	-		250	-	
	vii) 2 1/2" internal dia (90 mm outer dia)	Rate only	Rft.			1,122	-		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.										
	i) 1/2" 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) 1 1/4" internal dia (50 mm outer dia)	3	No	7,075	21,225	6,600	19,800		1200	3,600	
	iv) 1 1/2" internal dia (63 mm outer dia)	Rate only	No	9,870	0	11,708	-		1500	-	
	v) 2" internal dia (75 mm outer dia)	Rate only	No			15,907	-		2000	-	
	vi) 2 1/2" internal dia (90 mm outer dia)	Rate only	No			40,788	-		2500	-	
	Plumbing Sewerage										
01-05P44	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	Rate only	Rft.			245	-		250	-	
	3" dia	Rate only	Rft.			317	-		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	
01-05P45	Providing and fixing 4" dia Floor Drain with P-Trap, Stainless Steel grating, and cover.	1	No.			1,980	1,980		1000	1,000	

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
A	GENERAL ITEMS	4,276,084	6,970,822	63%	4,527,740	6%
B	CIVIL WORKS	55,841,309	55,966,460	0.2%	66,321,580	19%
C	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	SIGN BOARD / PLAQUE Ref.Spec. No. SP 100										
01- 01 G 14	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%
	WATER TESTING Ref.Spec. No.										
01- 01 G 17	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.)					3,476,084		6,170,822			3,727,740	
	PROVISIONAL SUMS										
01- 01 G 18	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 including 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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	P.C.C UNDER FLOORING Ref.Spec. No. C07											
01- 02 C 11	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.	6,800	Sq.ft.	83	564,400	77	523,600	-7%	53	360,400	-36%	
	PLINTH PROTECTION Ref.Spec. No. C04 & C07											
01- 02 C 12	Blinding concrete 1250 psi using slag cement conforming to BS-146	415	Cft.	243	100,845	199	82,585	-18%	160	66,400	-34%	
	PROTECTION WORKS Ref.Spec. No. C16											
01- 02 C 13	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%	
	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			
	PLAIN AND REINFORCED CONCRETE AND FORMWORKS Ref.Spec. No. C04											
01- 02 C 17	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	1,080	Cft.	405	437,400	474	511,920	17%	500	540,000	23%	
	b) Beams & lintels	1,850	Cft.	411	760,350	460	851,000	12%	500	925,000	22%	
	c) Slab & projections	3,790	Cft.	385	1,459,150	369	1,398,510	-4%	500	1,895,000	30%	
	d) Stair cases	373	Cft.	445	165,985	524	195,452	18%	500	186,500	12%	
	e) Precast window sill as per design and erecting/ fixing including shuttering, all accessories or embedded parts.	150	Cft.	392	58,800	726	108,900	85%	500	75,000	28%	
	f) Parapet wall for stair cases	84	Cft.	533	44,772	837	70,308	57%	500	42,000	-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.	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			
	PLAIN AND REINFORCED CONCRETE AND FORMWORKS Ref.Spec. No. C04											
01- 02 C 20	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	1,130	Cft.	408	461,040	488	551,440	20%	500	565,000	23%	
	b) Beams & lintels	1,900	Cft.	414	786,600	474	900,600	14%	500	950,000	21%	
	c) Slab & projections	3,790	Cft.	388	1,470,520	380	1,440,200	-2%	500	1,895,000	29%	
	d) Stair cases	176	Cft.	448	78,848	540	95,040	21%	500	88,000	12%	
	e) Precast window sill as per design and erecting/ fixing including shuttering, all accessories or embedded parts.	130	Cft.	395	51,350	748	97,240	89%	500	65,000	27%	
	f) Parapet wall for stair cases	30	Cft.	536	15,919	862	25,601	61%	500	14,850	-7%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
ALUMINIUM WORKS											
Ref.Spec. No. C11											
01- 02 C 30	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	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
STRUCTURAL STEEL											
Ref. Sec.No. C13											
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.	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.	51	Rft	300	15,300	759	38,709	153%	4,800	244,800	1500%
	a) MS railing stairs	50	Rft	320	16,000	627	31,350	96%	4,800	240,000	1400%
	b) M.S railing at entrance										
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%
FLOOR AND WALL FINISHES											
Ref.Spec. No. C07											
01- 02 C 36	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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 above door panel with solid wood batten including teak polish/ lacker at both sides around 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%
	FALSE CEILING Ref.Spec. No.										
01- 02 C 51	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	600	Sq.ft.	127	76,200	101	60,600	-20%	335	201,000	164%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 53	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										
01- 02 C 54	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	890	Cft.	317	282,130	319	283,910	1%	415	369,350	31%
	b) 9" thick	3,890	Cft.	307	1,194,230	310	1,205,900	1%	410	1,594,900	34%
	c) 13-1/2" thick	35	Cft.	305	10,675	258	9,030	-15%	400	14,000	31%
	DOORS FRAMES Ref.Spec. No. C09 & C11										
01- 02 C 55	G.I frame 16swg redoxidized 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.	395	R.ft.	225	88,875	460	181,700	104%	130	51,350	-42%
	CEMENT PLASTER Ref.Spec. No. C 06										
01- 02 C 56	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.	9,704	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 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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%
	PAINTING Ref.Spec. No. C 10										
01- 02 C 71	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 emulsion 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%
	WOODEN DOORS Ref.Spec. No. C 09, 12										
01- 02 C 73	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	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 around 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%
	FALSE CEILING Ref.Spec. No.										
01- 02 C 75	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%
	Pre cast C.C Patren jali and Railing Ref.Spec. No.										
01- 02 C 76	C.C Patren jali as per approved designed and specification	680	Sq.ft.	127	86,360	104	70,720	-18%	335	227,800	164%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 77	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%
	WATER PROOFING AND BUILTUP ROOFING Ref.Spec. No.C 16										
01- 02 C 78	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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%
	MARBLE WORKS Ref.Spec. No. C 07, 08										
01- 02 C 91	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%
	PAINTING Ref.Spec. No. C 10										
01- 02 C 92	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 emulsion 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.	2,504	Sq.ft.	30	75,120	41	102,664	37%	40	100,160	33%
	WOODEN DOORS Ref.Spec. No. C 09, C12										
01- 02 C 95	Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partial 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%
	Pre cast C.C Patren jali and Railing Ref.Spec. No.										
01- 02 C 96	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%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 98	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.					55,841,309		55,966,460			66,321,580	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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	1,387	Cft.	305.00	423,005	309	428,552	1%	415	575,564	36%
	CEMENT PLASTER Ref.Spec. No. C06										
01- 03 D11	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.	2,679	Sq.ft.	63.00	168,768	85	227,702	35%	55	147,337	-13%
	PROTECTION WORKS Ref.Spec. No. C16										
01- 03 D12	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.	4,448	Sq.ft.	19.00	84,512	42	186,816	121%	25	111,200	32%
	COPING Ref.Spec. No. C04										
01- 03 D13	Providing and fixing 3" thick coping including plaster using OP cement for boundary wall complete as shown on the drawings.	548	Rft.	60.00	32,876	116	63,561	93%	130	71,232	117%
	STRUCTURAL STEEL Ref. Sec.No. C13										
01- 03 D14	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 Ref. Sec.No.										
01- 03 D 16	Fill and backfill with selected materials including watering and compaction to every layer as per specification.	740	Cft.	8.00	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.	7,749	Cft.	14.00	108,486	40	309,960	186%	25	193,725	79%
01- 03 D18	Relocation and replanting of removed trees as per specifications and as directed by the Engineer.	Rate only	No.	4,000.00		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.	5,533	Sq.ft.	28.00	154,924	165	912,945	489%	60	331,980	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.	5,533	Cft.	20.00	110,660	53	293,249	165%	35	193,655	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)	8	No.	200.00	1,600	528	4,224	164%	1,000	8,000	400%
	b) Babul (3 to 4 feet)	7	No.	200.00	1,400	264	1,848	32%	1,000	7,000	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 3 feet)	12	No.	250.00	3,000	528	6,336	111%	1,000	12,000	300%
	e) Crape Jasmine (2 to 3 feet)	13	No.	150.00	1,950	528	6,864	252%	1,000	13,000	567%
	f) Cement Concrete planters.	100	Rft	400.00	40,000	691	69,100	73%	500	50,000	25%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 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.	45.00	-	93	-	107%	40	-	-11%
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.	42.00	-	85	-	102%	50	-	19%
01- 03 D35	Providing embedding 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.	309.00	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.	28,820.00	57,640	5,940	11,880	-79%	7,500	15,000	-74%
01- 03 D37	Supply and fitting of malleable Iron rungs, etc. complete in all respects, as per drawing and directed by the Engineer.	14	No.	2,390.00	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 b) More than 5 ft upto 10 ft. c) More than 10 ft upto 17 ft.	712	Cft.	12.00	8,544	13	9,256	8%	10	7,120	-17%
		712	Cft.	15.00	10,680	20	14,240	33%	15	10,680	0%
		784	Cft.	17.00	13,328	26	20,384	53%	25	19,600	47%
01- 03 D39	Blinding concrete 1250 psi using slag cement conforming to BS-146.	20	Cft.	243.00	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 b) 13-1/2" thick c) 9" thick	512	Cft	250.00	128,000	211	108,032	-16%	390	199,680	56%
		144	Cft	250.00	36,000	250	36,000	0%	400	57,600	60%
		72	Cft	250.00	18,000	301	21,672	20%	410	29,520	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	325.00	23,400	594	42,768	83%	515	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	142,289.00	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	28,820.00	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	2,390.00	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. a) 0 to 5 ft b) More than 5 ft upto 10 ft.	508	Cft.	12.00	6,090	13	6,598	8%	10	5,075	-17%
		8	Cft.	15.00	126	20	168	33%	15	126	0%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D59	Providing and applying three or more coats of matt emulsion 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	217%
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	25%
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	67%
Tube Well / Penumatic Pump											
Construction works											
01- 03 D62	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	-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 to be approved by the Engineer) upto free haulage limit.	20	Cft.	8.00	160	13	260	63%	175	3,500	2088%
		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%
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; Pre-cast R.C.C Slab	15	Cft.	350.00	5,250	594	8,910	70%	515	7,725	47%
01- 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 a) 9" thick	40 30 175	Sft Sft Sft	250.00 250.00 250.00	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%
01- 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.	285	Sq.ft.	63.00	17,955	85	24,225	35%	45	12,825	-29%
01- 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%
01- 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%

COMPARATIVE STATEMENT OF BIDS

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				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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%
EXTERNAL DEVELOPEMENT											
Holding Tank											
01- 03 D92	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.	755	Cft.	12.00	9,060	13	9,815	8%	10	7,550	-17%
	a) 0 to 5 ft	540	Cft.	15.00	8,100	20	10,800	33%	15	8,100	0%
	b) More than 5 ft upto 10 ft.										
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 Crystalline water proofing coating.	466	Sq.ft.	80.00	37,280	54	25,164	-33%	100	46,600	25%
01- 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.	107	Cft.	280.00	29,960	297	31,779	6%	515	55,105	84%
	b) Walls including chamfer etc.	335	Cft.	335.00	112,225	472	158,120	41%	515	172,525	54%
	c) Top Slab	89	Cft.	350.00	31,150	335	29,815	-4%	515	45,835	47%
01- 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	-20%	125,000	143,750	-12%
01- 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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.										
	i) MDBLP-GF	1	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%
	iii) DBLP-GF2	1	No.	79,275	79,275	71,280	71,280	-10%	56,000	56,000	-29%
	vi) DBLP-FF1	1	No.	130,200	130,200	106,260	106,260	-18%	40,000	40,000	-69%
	v) DBLP-FF2	1	No.	182,700	182,700	176,220	176,220	-4%	62,000	62,000	-66%
	vi) 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	
26-04E 2	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 pre-laid 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.										
	a) 4 Core Cu/PVC/PVC CABLE										
	i. 4 core 10mm.sq.	500	R.ft	383	191,500	247	123,500	-36%	1,800	900,000	370%
	ii. 4 core 16mm.sq.	150	R.ft	525	78,750	355	53,250	-32%	2,400	360,000	357%
	iii. 4 core 50mm.sq.	100	R.ft	1,171	117,100	822	82,200	-30%	5,600	560,000	378%
	b) Circuit Protective Conductor (CPC)										
	i. 1core 10mm sq PVC insulated colour Green/ Yellow	500	R.ft	84	42,000	67	33,500	-20%	525	262,500	525%
	ii. 1core 16mm sq PVC insulated colour Green/ Yellow	150	R.ft	110	16,500	102	15,300	-7%	750	112,500	582%
	iii. 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	0%
	b) 38mm (1.5") dia. PVC conduit to pull electric cable.	150	R.ft	126	18,900	63	9,450	-50%	125	18,750	-1%
	c) 50mm (2") dia. PVC conduit to pull electric cable.	85	R.ft	184	15,640	85	7,225	-54%	150	12,750	-18%
	d) 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	
26-04E 4	PART-3 Wiring & Conduiting Circuit Wiring & Conduiting										
	a) 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%
	b) 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 7	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 by the Engineer.										
	i) One gang - 1 Way Switch	8	Nos.	415	3,320	274	2,192	-34%	450	3,600	8%
	ii) Two gang - 1 Way Switch	22	Nos.	551	12,122	370	8,140	-33%	550	12,100	0%
	iii) Three gang - 1 Way Switch	10	Nos.	693	6,930	471	4,710	-32%	650	6,500	-6%
	iv) Four gang - 1 Way Switch	2	Nos.	830	1,660	572	1,144	-31%	750	1,500	-10%
	v) One gang - Fan Dimmer	7	Nos.	1,591	11,137	1,078	7,546	-32%	1,200	8,400	-25%
	vi) Two gang - Fan Dimmer	25	Nos.	2,940	73,500	2,059	51,475	-30%	1,800	45,000	-39%
31-04E 8	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, as per approved manufacturer list and approval by the Engineer.										
	i) 10A, 2-pin universal Switch Socket outlet.	25	Nos.	704	17,600	476	11,900	-32%	550	13,750	-22%
	ii) 13A, 3-pin Simplex Switch Socket outlet.	31	Nos.	809	25,079	500	15,500	-38%	750	23,250	-7%
	iii) 13A, 3-pin Duplex Switch Socket outlet.	10	Nos.	1,244	12,440	870	8,700	-30%	1,200	12,000	-4%
	iv) 15A, 3-pin simplex Switch Socket outlet.	6	Nos.	977	5,862	644	3,864	-34%	750	4,500	-23%
	v) Floor Box - Type B	16	Nos.	2,000	32,000	5,940	95,040	197%	1,000	16,000	-50%
31-04E 9	LOAD BREAK SWITCHES Supply, installation, testing & commissioning of following size Load Break switch with MS back box including all accessories complete in all respects, as per specifications and drawings and approval by the Engineer.										
	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	
31-04E 10	PART-5: EARTHING SYSTEM Earth Electrode Supply at site and installation of Stainless Steel copper clad earth electrodes, 10 feet long and 20mm dia including cost of all necessary materials, complete in all respects, as per specification.	9	Nos.	11,067	99,603	33,660	302,940	204%	32,000	288,000	189%
31-04E 11	Copper Conductor a) Supply, installation and connecting up of 1 x 16sqmm 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, includes excavation, backfilling of earth, cad-welding of copper conductor to earth electrode rod at one end and provision/ fixing of cable lugs at other end, including all accessories as per the Specifications and Drawings and to the entire satisfaction and approval of the Engineer.	10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785%
	b) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, from Pit to ECP / MCC, as per drawing or as per the instructions of the engineer. including cost of excavation, backfilling of earth, brass nuts, bolts, washers, all necessary accessories, complete in all respects.	40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%
	c) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit, from ECP to U-link box and from U-Link box to data patch panel, 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.	85	R.ft	205	17,425	197	16,745	-4%	2,200	187,000	973%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 17	Utility Box Supply, installation, testing and commissioning of Utility box, complete 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%
31-04E 18	Patch Panel a) Supply and installation of following Patch Panels complete in all respects as per the specifications and drawings and to the approval of the Engineer. i) 24 Port Patch Panel	1	Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
31-04E 19	Telephone / Data Patch Cords a) Supply and connecting of telephone 2 Pair drop cord 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. i) 1 meter long ii) 3 meter long	5 24 24	Nos.	294 935 1,391	1,470 22,440 33,384	2,112 800 1,155	10,560 19,200 27,720	618% -14% -17%	4,200 750 1,000	21,000 18,000 24,000	1329% -20% -28%
31-04E 20	Communication Rack Supply installation of 15U Data racks for the fixing of 12 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.	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
31-04E 21	Telephone Sets Supply and connection of following type of Telephone sets. a) Telephone with CLI Module b) Telephone without CLI Module	2 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	-34% 64%
Sub- Total (Rs.)					325,061		227,539			454,500	
PART -7 Fire Alarm System											
31-04E 22	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. i) Smoke detector with buzzer ii) Heat detector with buzzer	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	
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	1,380,000	301%
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.	530	R.ft.	362	191,860	775	410,750	114%	1,200	636,000	231%
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, complete in all respects.	6	Nos.	16,538	99,228	30,858	185,148	87%	5,500	33,000	-67%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
31-04E 34	b) 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.	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:										
	i) 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%
31-04E 35	Utility / PTCL Connection a) 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	
PART -12 SOLAR ROOM ELECTRIFICATION WORKS											
31-04E 36	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%
31-04E 37	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										
	i) Four gang - 1 Way Switch	1	Nos.	830	830	572	572	-31%	750	750	-10%
31-04E 38	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										
	i) 13A, 3-pin Duplex Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%
31-04E 39	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect.										
	i) Heat detector with buzzer	1	Nos.	7,838	7,838	2,317	2,317	-70%	13,500	13,500	72%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff	
PILUMBING WORKS (BUILDING)												
PLUMBING FIXTURES												
Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.												
01-05P1	European style coupled water closet with seat cover, flush tank C.P. (chrome plated) connector, thimble etc a. Type - EWC	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.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.	8	No.	11,725	93,800	5,676	45,408.00	-52%	10,000	80,000	-15%	
01-05P3a	double bib cock brass, chromium plated	20	No.			1,320	26,400.00		2,600	52,000		
01-05P3b	single bib cock brass, chromium plated	4	No.			924	3,696.00		1,400	5,600		
01-05P4	Wash basin (WB) including C.P P- trap/Bottle Trap, stop cocks, etc. i. With half or full pedestal	11	No.	12,150	133,650	15,127	166,397.00	25%	14,000	154,000	15%	
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 type shower Including tee stop cock etc. complete in all respect. Type - TS	13	No.	3,285	42,705	1,980	25,740.00	-40%	1,000	13,000	-70%	
01-05P7	Stainless steel lab. sink including stop cocks, P-trap, 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	-46%	
01-05P8	Sink hot and cold water mixer, etc. for following. a. For SK-1	4	No.		-	3,960	15,840.00		2,000	8,000		
01-05P9	S.S Grease Trap 7.5 Kg. capacity, inlet/outlet 2" Dia connections.	4	No.		-	3,300	13,200.00		16,500	66,000		
01-05P10	Toilet accessories complete set, (Imported make) i. Soap dispenser ii. Toilet paper holder iii. Coat Hook iv. Mirror 5mm (Belgium) v. Paper Rack	6 13 6 120 6	No. No. No. Sft No.	440 870 195 1,100 1,890	2,640 11,310 1,170 132,000 11,340	660 858 924 858 1,320	3,960.00 11,154.00 5,544.00 102,960.00 7,920.00	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	
Plumbing Water Supply												
01-05P11	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) ii) ¾" internal dia (32 mm outer dia) iii) 1" internal dia (40 mm outer dia) iv) 1½" 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. Rft.	130 180 330 405 585	6,500 63,000 171,600 54,875 119,925	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 -	-23% -31% -55% -57% -66%	
01-05P12	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. i) ¾" internal dia (32 mm outer dia) ii) 1" internal dia (40 mm outer dia) iii) 1½" internal dia (50 mm outer dia) iv) 1½" internal dia (63 mm outer dia) v) 2" internal dia (75 mm outer dia) vi) 2½" internal dia (90 mm outer dia)	2 4 3 2 Rate only Rate only	No. 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	7,412.00 17,320.00 19,800.00 23,416.00 -	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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff	
Kanchan Arsenic Filter												
Filter Material.												
01-05P23	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	2,079.00	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	3,612.00	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	3,318.00	-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	42,254.00	-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.	9	Cft.	60	540	106	954.00	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	37,125.00	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	36,320.00	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. i) 3/4" internal dia (32 mm outer dia)	23	Rft.	180	4,140	363	8,349.00	102%	150	3,450	-17%	
01-05P31	Providing and fixing Plastic Shower Heads	9	Nos	705	6,345	1,980	17,820.00	181%	650	5,850	-8%	
Tube Well / Penumatic Pump												
01-05P32	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" i/d (200mm)	100	Rft.	355	35,500	1,584	158,400.00	346%	2,000	200,000	463%	
01-05P33	Boring for tubewell in all types of soil except shingle and rock, 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 & as directed by the Engineer. i) 8" i/d (200mm)	50	Rft.	435	21,750	1,716	85,800.00	294%	2,000	100,000	360%	
01-05P34	Providing and installing P.V.C. ball/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	660.00	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" i/d(25mm) ii) 1-1/4" i/d(30mm) iii) 2" i/d(50mm)	Rate only	Rft.	-	-	86	-	-	75	-	-	
		150	Rft.	160	24,000	185	27,750.00	16%	100	15,000	-38%	
		40	Rft.	200	8,000	264	10,560.00	32%	150	6,000	-25%	
01-05P36	Providing and installing P.V.C. strainer B.S.S Class 'D' in tubewell bore hole, including sockets and solvents complete in all respect & as directed by the Engineer. i) 2" i/d(50mm)	40	Rft.	200	8,000	396	15,840.00	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. i) 4" i/d (100mm)	60	Rft.	460	27,600	594	35,640.00	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	21,780.00	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.	45	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
A	GENERAL ITEMS	4,477,265	7,374,824	65%	5,268,105	18%
B	CIVIL WORKS	63,581,418	64,970,954	2.2%	77,077,305	21%
C	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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.)					3,677,265		6,574,824			4,468,105	
01-01 G 18	PROVISIONAL SUMS Repair & renovation of existing Governnet 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.					4,477,265		7,374,824			5,268,105	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
P.C.C UNDER FLOORING											
Ref.Spec. No. C07											
01- 02 C 11	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.	7950	Sq.ft.	83	659,850	77	612,150	-7%	53	421,350	-36%
PLINTH PROTECTION											
Ref.Spec. No. C04 & C07											
01- 02 C 12	Blinding concrete 1250 psi using siag cement conforming to BS-146	495	Cft.	243	120,285	199	98,505	-18%	160	79,200	-34%
PROTECTION WORKS											
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%
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%
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.	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 A-108 grade 40 having tensile strength equal to or more than 40,000 psi.		Rate only ton.	Rate only		110,306			125,000		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS											
Ref.Spec. No. C04											
01- 02 C 17	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	1190	Cft.	405	481,950	474	564,060	17%	500	595,000	23%
	b) Beams & lintels	1920	Cft.	411	789,120	460	883,200	12%	500	960,000	22%
	c) Slab & projections	4525	Cft.	385	1,742,125	369	1,669,725	-4%	500	2,262,500	30%
	d) Stair cases	373	Cft.	445	165,985	524	195,452	18%	500	186,500	12%
	e) Precast window sill as per design and erecting/ fixing including shuttering, all accessories or embedded parts.	200	Cft.	392	78,400	726	145,200	85%	500	100,000	28%
	f) Parapet wall for stair cases	84	Cft.	533	44,772	837	70,308	57%	500	42,000	-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.	33	ton.	142,289	4,695,537	115,045	3,796,485	-19%	126,000	4,158,000	-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.	Rate only		110,966			126,000		
PLAIN AND REINFORCED CONCRETE AND FORMWORKS											
Ref.Spec. No. C04											
01- 02 C 20	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	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%
	e) Precast window sill as per design and erecting/ fixing including shuttering, all accessories or embedded parts.	197	Cft.	395	77,766	748	147,263	89%	500	98,438	27%
	f) Parapet wall for stair cases	30	Cft.	536	15,919	862	25,601	61%	500	14,850	-7%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	ALUMINIUM WORKS										
	Ref.Spec. No. C11										
01- 02 C 30	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.	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.	105	Sq.ft.	1,692	177,660	1,016	106,680	-40%	2,220	233,100	31%
	STRUCTURAL STEEL										
	Ref. Sec.No. C13										
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.	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	54	Rft	300	16,200.00	759	40,986	153%	4,800	259,200	#####
	b) M.S railing at entrance	50	Rft	320	16,000.00	627	31,350	96%	4,800	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%
	FLOOR AND WALL FINISHES										
	Ref.Spec. No. C07										
01- 02 C 36	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	FALSE CEILING Ref.Spec. No.										
01- 02 C 51	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	164%
	BRICK FACING Ref.Spec. No. C05										
01- 02 C 53	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%
	FINISHING WORKS For First floor BRICK MASONRY Ref.Spec. No. C05										
01- 02 C 54	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	780	Cft.	317	247,260	319	248,820	1%	415	323,700	31%
	b) 9" thick	4965	Cft.	307	1,524,255	310	1,539,150	1%	410	2,035,650	34%
	c) 13-1/2" thick	20	Cft.	305	6,100	258	5,160	-15%	400	8,000	31%
	DOORS FRAMES Ref.Spec. No. C09 & C11										
01- 02 C 55	G.I frame 16swg redoxidized 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%
	CEMENT PLASTER Ref.Spec. No. C 06										
01- 02 C 56	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%
	ALUMINIUM WORKS Ref.Spec. No. C 11										
01- 02 C 58	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	PAINTING Ref.Spec. No. C 10										
01-02 C 71	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.	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 emulsion 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%
	WOODEN DOORS Ref.Spec. No. C 09, 12										
01-02 C 73	Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partial 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 around 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%
	FALSE CEILING Ref.Spec. No.										
01-02 C 75	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%
	Pre cast C.C Patren jali Ref.Spec. No.										
01-02 C 76	C.C Patren jali as per approved designed and specification	840	Sq.ft.	127	106,680	104	87,360	-18%	335	281,400	164%
	BRICK FACING Ref.Spec. No. C05										
01-02 C 77	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%
	WATER PROOFING AND BUILTUP ROOFING Ref.Spec. No.C 16										
01-02 C 78	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%
	FINISHING WORKS For Roof floor / Second floor BRICK MASONRY Ref.Spec. No. C05										
01-02 C 79	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	30	Cft.	328	9,840	325	9,750	-1%	425	12,750	30%
	b) 9" thick	485	Cft.	325	157,625	316	153,260	-3%	420	203,700	29%
	c) 13-1/2" thick	20	Cft.	311	6,220	263	5,260	-15%	410	8,200	32%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				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 emulsion 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 partial 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 jali and Railing 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	Pre cast 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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	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, 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%
	CEMENT PLASTER Ref.Spec. No. C06										
01- 03 D12	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%
	PROTECTION WORKS Ref.Spec. No. C16										
01- 03 D13	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.	3,397	Sq.ft.	16	54,352	42	142,674	163%	25	84,925	56%
	COPING Ref.Spec. No. C04										
01- 03 D14	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%
	STRUCTURAL STEEL Ref. Sec.No. C13										
01- 03 D15	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%
	LANDSCAPING Ref. Sec.No.										
01- 03 D17	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%
01- 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%
01- 03 D21	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.	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.										
	a) Neem (3 to 4 feet)	8	No.	200	1,600	528	4,224	164%	1,000	8,000	400%
	b) Babul (3 to 4 feet)	7	No.	200	1,400	264	1,848	32%	1,000	7,000	400%
	c) Golmohar (3 to 4 feet)	10	No.	300	3,000	264	2,640	-12%	1,000	10,000	233%
	d) Champa (2 to 3 feet)	8	No.	250	2,000	528	4,224	111%	1,000	8,000	300%
	e) Grape Jasmine (2 to 3 feet)	8	No.	150	1,200	528	4,224	252%	1,000	8,000	567%
	f) Cement Concrete planters.	220	Rft	400	88,000	691	152,020	73%	500	110,000	25%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D35	Providing embedding 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	-87%
01- 03 D36	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.	630	Sq.ft.	45	28,350	93	58,590	107%	40	25,200	-11%
01- 03 D37	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.	430	Sq.ft.	46	19,780	85	36,550	85%	50	21,500	9%
01- 03 D38	Providing embedding 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 b) More than 5 ft upto 10 ft. c) More than 10 ft upto 17 ft.	890 890 980	Cft. Cft. Cft.	10 13 15	8,900 11,570 14,700	13 20 26	11,570 17,800 25,480	30% 54% 73%	10 15 25	8,900 13,350 24,500	0% 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 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% 80% 64%
01- 03 D44	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	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%
01- 03 D47	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 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.	20	240	28	336	40%	45	540	125%
01- 03 D62	Providing and applying three or more coats of matt emulsion 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%
Tube Well / Penumatic Pump Construction works											
01- 03 D65	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 to be approved by the Engineer) upto free haulage limit.	20	Cft.	7	140	13	260	86%	175	3,500	2400%
		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%
01- 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 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%
01- 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%
01- 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 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	25	Cft.	280	7,000	297	7,425	6%	515	12,875	84%
	b) Columns up bottom first slab	20	Cft.	345	6,900	472	9,440	37%	515	10,300	49%
	c) Slabs & projection	35	Cft.	350	12,250	369	12,915	5%	515	18,025	47%
	e) Walls including chamfer etc.	80	Cft.	335	26,800	472	37,760	41%	515	41,200	54%
01- 03 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	-9%
01- 03 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- 03 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	150%
01- 03 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- 03 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.	152	Sq.ft.	53	8,056	85	12,920	60%	45	6,840	-15%
01- 03 D92	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.	126	Sq.ft.	57	7,182	93	11,718	63%	40	5,040	-30%
01- 03 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- 03 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%
	EXTERNAL DEVELOPMENT										
	Holding Tank										
01- 03 D95	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.	755	Cft.	10	7,550	13	9,815	30%	10	7,550	0%
	b) More than 5 ft upto 10 ft.	540	Cft.	13	7,020	20	10,800	54%	15	8,100	15%
01- 03 D96	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 D97	Water proofing coating treatment to all surfaces in contact with water shall be treated with 2 coats of Crystalline water proofing coating.	466	Sq.ft.	80	37,280	54	25,164	-33%	100	46,600	25%
01- 03 D98	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.	107	Cft.	280	29,960	297	31,779	6%	515	55,105	84%
	b) Walls including chamfer etc.	335	Cft.	335	112,225	472	158,120	41%	515	172,525	54%
	c) Top Slab	89	Cft.	350	31,150	335	29,815	-4%	515	45,835	47%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
32-04E 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.										
	i) MDBLP-GF	1	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%
	iii) DBLP-GF2	1	No.	79,275	79,275	71,280	71,280	-10%	56,000	56,000	-29%
	v) DBLP-FF1	1	No.	130,200	130,200	106,260	106,260	-18%	40,000	40,000	-69%
	v) DBLP-FF2	1	No.	182,700	182,700	176,220	176,220	-4%	62,000	62,000	-66%
	vi) 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	
25-04E 2	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 prelaidd 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.										
	a) 4 Core Cu/PVC/PVC CABLE										
	i. 4 core 10mm sq.	500	R.ft	383	191,500	247	123,500	-36%	1,800	900,000	370%
	ii. 4 core 16mm sq.	150	R.ft	525	78,750	355	53,250	-32%	2,400	360,000	357%
	iii. 4 core 70mm sq.	100	R.ft	1,591	159,100	822	82,200	-48%	5,600	560,000	252%
	b) Circuit Protective Conductor (CPC)										
	i. 1core 10mm sq PVC insulated colour Green/ Yellow	500	R.ft	84	42,000	67	33,500	-20%	525	262,500	525%
	ii. 1core 16mm sq PVC insulated colour Green/ Yellow	150	R.ft	110	16,500	102	15,300	-7%	750	112,500	582%
	iii. 1core 25mm sq PVC insulated colour Green/ Yellow	100	R.ft	236	23,600	145	14,500	-39%	1,325	132,500	461%
25-04E 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	0%
	b) 38mm (1.5") dia. PVC conduit to pull electric cable.	150	R.ft	126	18,900	63	9,450	-50%	125	18,750	-1%
	c) 50mm (2") dia. PVC conduit to pull electric cable.	85	R.ft	184	15,640	85	7,225	-54%	150	12,750	-18%
	d) 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.)				654,090		375,585			2,430,500	
25-04E 4	PART-3 Wiring & Conduiting Circuit Wiring & Conduiting										
	a) 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, drawings & approval by the Engineer.	28	Nos.	4,615	129,220	4,770	133,560	3%	4,200	117,600	-9%
	b) Same as item (a) but wiring from switch to switch.	58	Nos.	1,118	64,844	2,004	116,232	79%	3,600	208,800	222%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
25-04E 7	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 by the Engineer.											
	i) One gang - 1 Way Switch	8	Nos.	415	3,320	274	2,192	-34%	450	3,600	8%	
	ii) Two gang - 1 Way Switch	22	Nos.	551	12,122	370	8,140	-33%	550	12,100	0%	
	iii) Three gang - 1 Way Switch	14	Nos.	693	9,702	471	6,594	-32%	650	9,100	-6%	
	iv) Four gang - 1 Way Switch	2	Nos.	830	1,660	572	1,144	-31%	750	1,500	-10%	
	v) One gang - Fan Dimmer	7	Nos.	1,591	11,137	1,078	7,546	-32%	1,200	8,400	-25%	
	vi) Two gang - Fan Dimmer	33	Nos.	2,940	97,020	2,059	67,947	-30%	1,800	59,400	-39%	
25-04E 8	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, as per approved manufacturer list & approval by the Engineer.											
	i) 10A, 2-pin universal Switch Socket outlet.	29	Nos.	704	20,416	476	13,804	-32%	550	15,950	-22%	
	ii) 13A, 3-pin Simplex Switch Socket outlet.	31	Nos.	809	25,079	500	15,500	-38%	750	23,250	-7%	
	iii) 13A, 3-pin Duplex Switch Socket outlet.	10	Nos.	1,244	12,440	870	8,700	-30%	1,200	12,000	-4%	
	iv) 15A, 3-pin simplex Switch Socket outlet.	6	Nos.	977	5,862	644	3,864	-34%	750	4,500	-23%	
	v) Floor Box - Type B	16	Nos.	2,000	32,000	5,940	95,040	197%	1,000	16,000	-50%	
25-04E 9	LOAD BREAK SWITCHES Supply, installation, testing & commissioning of following size Load Break switch with MS back box including all accessories complete in all respects, as per specifications and drawings and approval by the Engineer.											
	i) 30 Amp SPN LBS	1	Nos.	1,024	1,024	8,580	8,580	738%	3,600	3,600	252%	
Sub- Total (Rs.)							1,569,878		1,512,051		1,158,500	
PART-5: EARTHING SYSTEM												
32-04E 10	Earth Electrode Supply at site and installation of Stainless Steel copper clad earth electrodes, 10 feet long and 20mm dia including cost of all necessary materials, complete in all respects, as per specification.	11	Nos.	11,067	121,737	33,660	370,260	204%	32,000	352,000	189%	
32-04E 11	Copper Conductor											
	a) Supply, installation and connecting up of 1 x 16sqmm 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, includes excavation, backfilling of earth, cad-welding of copper conductor to earth electrode rod at one end and provision/ fixing of cable lugs at other end, including all accessories as per the Specifications and Drawings and to the entire satisfaction and approval of the Engineer.	10	R.ft	226	2,260	2,830	28,300	1152%	2,000	20,000	785%	
	b) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit directly buried in ground, from Pit to ECP / MCC, as per drawing and instructions of the engineer. including cost of excavation, backfilling of earth, brass nuts, bolts, washers, all necessary accessories, complete in all respects.	40	R.ft	226	9,040	197	7,880	-13%	2,000	80,000	785%	
	c) Supply, installation and connections of copper conductor 1x16 mm sq. 1-Core Cu/PVC cable, in 38mm dia uPVC Class-d conduit, from ECP to U-link box and from U-Link box to data patch panel, 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.	85	R.ft	205	17,425	197	16,745	-4%	2,200	187,000	973%	
	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.	465	R.ft	394	183,210	543	252,495	38%	3,450	1,604,250	776%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
32-04E 19	Telephone / Data Patch Cords										
	a) Supply and connecting of telephone 2 Pair drop cord complete in all respects as per the specifications and drawings and to the entire satisfaction of the Engineer.	5	Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	1329%
	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.										
	i) 1 meter long	24	Nos.	935	22,440	800	19,200	-14%	750	18,000	-20%
	ii) 3 meter long	24	Nos.	1,391	33,384	1,155	27,720	-17%	1,000	24,000	-28%
32-04E 20	Communication Rack										
	Supply installation of 15U Data racks for the fixing of 12 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.	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
32-04E 21	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	6,000	-34%
	b) Telephone without CLI Module	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	
32-04E 22	PART -7 Fire Alarm System										
	Fire Alarm System										
	a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect.										
	i) Smoke detector with buzzer	8	Nos.	7,345	58,760	2,857	22,856	-61%	12,000	96,000	63%
	ii) Heat detector with 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	
32-04E 23	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 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.	1330	R.ft.	299	397,670	775	1,030,750	159%	1,200	1,596,000	301%
32-04E 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.	660	R.ft.	362	238,920	775	511,500	114%	1,200	792,000	231%
32-04E 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, complete in all respects.	6	Nos.	16,538	99,228	30,858	185,148	87%	5,500	33,000	-67%
32-04E 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.	10	Nos.	2305	23,050	28,054	280,540	1117%	5,000	50,000	117%
	Sub- Total (Rs.)				758,868		2,007,938			2,471,000	

SECTION - 4
ELECTRICAL WORKS

SINDH BASIC EDUCATION PROGRAM
GBHS UMEED ALI JUNEJO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
32-04E 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: i) 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%	
32-04E 35	Utility / PTCL Connection a) 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. 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	36,750	36,750	132,000	132,000	259%	1,000,000	1,000,000	2621%	
		1	Job	21,000	21,000	19,800	19,800	-6%	300,000	300,000	1329%	
Sub- Total (Rs.)					136,971		215,205			1,349,500		
PART -12 SOLAR ROOM ELECTRIFICATION WORKS												
32-04E 36	LIGHT FIXTURES Supply, Installation, testing and commissioning of following light fittings, ceiling /wall mounted made of fiber / plastic body. Complete with electronic ballast, 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). b) Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	2	Nos.	7,166	14,332	4,075	8,150	-43%	3,200	6,400	-55%	
		2	Nos.	6,704	13,408	5,427	10,854	-19%	4,600	9,200	-31%	
32-04E 37	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 i) Four gang - 1 Way Switch	1	Nos.	830	830	572	572	-31%	750	750	-10%	
32-04E 38	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 dr i) 13A, 3-pin Duplex Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%	
32-04E 39	Fire Alarm System a) Supply, installation, testing and commissioning of following type Standalone fire detection devices including all accessories, as per approved manufacturer, complete with all respect. i) Heat detector with buzzer	1	Nos.	7,838	7,838	2,317	2,317	-70%	13,500	13,500	72%	
32-04E 40	Circuit Wiring & Conduiting a) 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. b) Same as item (a) but wiring from switch to power outlet. 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.	1	Nos.	4,615	4,615	2,789	2,789	-40%	4,200	4,200	-9%	
		1	Nos.	1,118	1,118	1,908	1,908	71%	3,800	3,800	240%	
		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.					6,242,870		7,512,521			12,429,400		

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs.)	Rate (Rs.)	Amount (Rs.)	% Diff	Rate (Rs.)	Amount (Rs.)	% Diff	
Plumbing Sewerage												
01-05P13	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	105	Rft.	145	15,225	245	25,725	69%	250	26,250	72%	
	3" dia	Rate only	Rft.	180		317	-	76%	350	-	94%	
	4" dia	440	Rft.	235	103,400	472	207,680	101%	450	198,000	91%	
	6" dia	110	Rft.	610	67,100	471	51,810	-23%	650	71,500	7%	
01-05P14	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 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		
01-05P16	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%	
01-05P17	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%	
Water Cooler												
01-05P18	Providing and fixing drinking water cooler of capacity 60 gallons per hour including all accessories and making 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		
EXTERNAL DEVELOPMENT												
Septic Tank												
01-05P19	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.											
	6" i/d (150 mm)	15	Rft.	610	9,150	471	7,065	-23%	650	9,750	7%	
	4" dia, pipe selevs in walls	5	Nos	850	4,250	990	4,950	16%	4,000	20,000	371%	
	6" dia, pipe selevs 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 B.S.S. with 'B' Class working pressure pipe, in trenches, complete in all respects as per drawing or directed by the Engineer.											
	6" i/d (150 mm)	5	Rft.	610	3,050	1,657	8,285	172%	6,500	32,500	966%	
Ground Water Storage Tank												
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.											
	i) ¾" dia	5	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 selevs, 9" long	2	Nos	455	910	594	1,188	31%	3,000	6,000	559%	
Overhead Water Storage Tank												
01-05P22A	Vent Pipe 4" dia as per drawing and specifications for 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%	
01-05P22B	Providing, laying, cutting, jointing, testing and disinfecting brass pipe selevs/ connection pie with puddle including coupler (Heavy Quality) of approved as per B.S.S coads complete in all respects, with coupler, puddle flange, specials as per drawing or directed by the Engineer.											
	i) 1¼" dia, pipe selevs, 10" long	2	Nos	1,110	2,220	2,640	5,280	138%	4,000	8,000	260%	
	ii) 2½" dia, pipe selevs, 10" long	3	Nos	1,490	4,470	5,280	15,840	254%	6,000	18,000	303%	

SECTION - 5
PLUMBING WORKS

SINDH BASIC EDUCATION PROGRAM
GBHS UMEED ALI JUNEJO TALUKA SHAHDADKOT

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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. Cupl/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 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	-7%	92,000	92,000	44%	
EXTERNAL PIPING												
Plumbing Water Supply												
01-05P42	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 & holes, complete in all respects											
	i) ½" internal dia (20 mm outer dia)	Rate only	Rft.			87	-		100	-		
	ii) ¾" internal dia (32 mm outer dia)	30	Rft.	180	5,400	171	5,130	-5%	125	3,750	-31%	
	iii) 1" internal dia (40 mm outer dia)	150	Rft.	160	24,000	257	38,550	61%	150	22,500	-6%	
	iv) 1¼" 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	Rft.	585	7,605	639	8,307	9%	200	2,600	-66%	
	vi) 2" internal dia (75 mm outer dia)	Rate only	Rft.			858	-		250	-		
	vii) 2½" internal dia (90 mm outer dia)	Rate only	Rft.			1,122	-		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.											
	i) ¾" internal dia (32 mm outer dia)	2	No	3,190	6,380	3,705	7,410	16%	750	1,500	-76%	
	ii) 1" internal dia (40 mm outer dia)	5	No	4,670	23,350	4,330	21,650	-7%	1,000	5,000	-79%	
	iii) 1¼" internal dia (50 mm outer dia)	4	No	7,075	28,300	6,600	26,400	-7%	1,200	4,800	-83%	
	iv) 1½" internal dia (63 mm outer dia)	Rate only	No	9,870	-	11,708	-	19%	1,500	-	-85%	
	v) 2" internal dia (75 mm outer dia)	Rate only	No			15,907	-		2,000	-		
	vi) 2½" internal dia (90 mm outer dia)	Rate only	No			40,788	-		2,500	-		
Plumbing Sewerage												
01-05P44	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	Rate only	Rft.			245	-		250	-		
	3" dia	Rate only	Rft.			317	-		350	-		
	4" dia	32	Rft.	235	7,520	472	15,104	101%	450	14,400	91%	
	6" dia	430	Rft.	610	262,300	471	202,530	-23%	650	279,500	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.	10	No.			33,000	330,000		7,500	75,000		
01-05P47	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		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		
Water Supply Pump For GST												
01-05P49	Supply at site, installation, testing and commissioning of water supply reciprocating pump with 2HP motor as per specification 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		

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
Temporary Facilities (Optional Items)											
Ref.Spec. No. G05											
01- 01 G 1	Providing and maintaining a rental building 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 by the Engineer.	20	Month	40,000	800,000	132,000	2,640,000	230%	128000	2,560,000	220%
OR											
01- 01 G 2	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 by the Engineer.	20	Month	45,000	900,000	104,280	2,085,600	132%	112000	2,240,000	149%
OR											
01- 01 G 3	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 i.e electricity, airconditioning, 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%	144000	2,880,000	60%
01- 01 G 4	Shifting of furnitures and equipemnts and reinstall etc from existing school to rental building/other school building and reinstall as per specification and directed by the engineer.	1	LS	30,000	30,000	264,000	264,000	780%	100000	100,000	233%
Site Clearing and Grubbing											
Ref.Spec. No. C01											
01- 01 G 5	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%
DISMANTLING WORK											
Ref.Spec. No. G04											
01- 01 G 6	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.	7,600	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.	50	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.	380	Rft	105	39,882	198	75,206	89%	200	75,966	90%
01- 01 G 11	Dismatling of existing walkways/platform/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.	150	Sft	25	3,750	33	4,950	32%	35	5,250	40%
POWER SUPPLY & TELECOMMUNICATION											
01- 01 G 12	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.	1	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.	1	Job	25,000	25,000	13,200	13,200	-47%	30000	30,000	20%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
CONSTRUCTION OF SCHOOL BUILDING											
SUB-STRUCTURE											
EARTHWORKS											
Ref.Spec. No. C02											
01- 02 C 1	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	41423	Cft.	12	497,075	7	289,960	-42%	10	414,229	-17%
	b) More than 5 ft upto 10 ft.	1000	Cft.	15	15,000	11	11,000	-27%	15	15,000	0%
01- 02 C 2	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)	36194	Cft.	8	289,552	13	470,522	63%	101	3,655,594	1163%
	b) Obtained from outside sources (material / source to be approved by the Engineer) upto free haulage limit.	24129	Cft.	22	530,848	40	965,179	82%	25	603,237	14%
DEWATERING											
Ref.Spec. No. G03											
01- 02 C 3	Designing, providing and installation of complete dewatering system including boring, strainer, filter and other all materials, pumping and disposal of water upto Engineer's satisfaction and to keep the construction surface dry all the time.										
	a) Completion of installation works at site, up 100% running/ working position		Rate only	L.S.	1,000,000		264,000	-74%	250,000		-75%
	b) Dewatering, days not allow more then/ maximum payable.		Rate only	Day	25,000		5,280	-79%	4,000		-84%
TERMITE CONTROL TREATMENT											
Ref.Spec. No. C03											
01- 02 C 4	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%
REINFORCEMENT											
Ref.Spec. No. C04											
01- 02 C 5	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	25	ton.	142,289	3,557,225	114,385	2,859,625	-20%	125,000	3,125,000	-12%
01- 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 FORMWORKS											
Ref.Spec. No. C04											
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	4800	Cft.	321	1,540,800	297	1,425,600	-7%	495	2,376,000	54%
	b) Columns upto plinth	1126	Cft.	396	445,738	472	531,283	19%	495	557,172	25%
	c) Plinth beams	2450	Cft.	385	943,250	455	1,114,750	18%	495	1,212,750	29%
	d) SOG & Ramps Slabs	158	Cft.	358	56,385	335	52,763	-6%	495	77,963	38%
	e) Walls	50	Cft.	354	17,700	459	22,950	30%	495	24,750	40%
BRICK MASONRY											
Ref.Spec. No. C05											
07- 02 C 9	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	Cft.	284	632,184	289	643,314	2%	390	868,140	37%
HARDCORE/ STONE SOLING											
Ref.Spec. No. C07											
01- 02 C 10	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff	
Second Floor / Roof (From 2nd slab to 3rd slab & tower)												
REINFORCEMENT												
Ref.Spec. No. C04												
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.	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 than 40,000 psi.	Rate only	ton.			111,626			127,000			
PLAIN AND REINFORCED CONCRETE AND FORMWORKS												
Ref.Spec. No. C04												
01- 02 C 23	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;											
	a) Columns	110	Cft.	411	45,210	502	55,220	22%	515	56,650	25%	
	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/ fixing including shuttering and all accessories and/or embedded parts;	1042	Rft.	266	277,172	771	803,382	190%	552	575,184	108%	
	g) Over head water tank, column, walls & slab	396	Cft.	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%	
FINISHING WORKS												
For Ground floor												
BRICK MASONRY												
Ref.Spec. No. C05												
01- 02 C 24	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	618	Cft.	305	188,490	309	190,962	1%	410	253,380	34%	
	b) 9" thick	5480	Cft.	288	1,578,240	301	1,649,480	5%	400	2,192,000	39%	
	c) 13-1/2" thick	25	Cft.	283	7,075	250	6,250	-12%	390	9,750	38%	
DOORS FRAMES												
Ref.Spec. No. C09 & C11												
01- 02 C 25	G.I frame 16swg redoxidized 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.	735	R.ft.	230	169,050	446	327,810	94%	125	91,875	-46%	
CEMENT PLASTER												
Ref.Spec. No. C06												
01- 02 C 26	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.	375	Sq.ft.	63	23,625	85	31,875	35%	45	16,875	-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.	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 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.	16190	Sq.ft.	68	1,100,920	93	1,505,670	37%	40	647,600	-41%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff	
MARBLE WORKS												
Ref.Spec. No. C07 & C08												
01- 02 C 41	Pre-polished marble on entrance steps, stairs, ramp & floor etc using 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.											
	a) Entrance Steps & Platform (3/4" thick)	325	Sq.ft.	304	98,800	485	157,625	60%	835	271,375	175%	
	b) Entrance Steps Risers (1/2" thick)	60	Sq.ft.	164	9,840	229	13,740	40%	365	21,900	123%	
01- 02 C 42	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.	382	Sq.ft.	304	116,128	485	185,270	60%	900	343,800	196%	
01- 02 C 43	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.	102	Sq.ft.	160	16,320	229	23,358	43%	425	43,350	166%	
01- 02 C 44	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.	55	Sq.ft.	153	8,415	233	12,815	52%	400	22,000	161%	
01- 02 C 45	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.	253	15,180	406	24,360	60%	400	24,000	58%	
PAINTING												
Ref.Spec. No. C10												
01- 02 C 46	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.	7385	Sq.ft.	24	177,240	26	192,010	8%	45	332,325	88%	
01- 02 C 47	Providing and applying three or more coats of matt emulsion 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.	16190	Sq.ft.	37	599,030	40	647,600	8%	45	728,550	22%	
01- 02 C 48	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.	375	Sq.ft.	30	11,250	40	15,000	33%	40	15,000	33%	
WOODEN DOORS												
Ref.Spec. No. C09												
01- 02 C 49	Wooden flush door leaves of the approved types and sizes teak ply finished shutter fixed comprising 1-1/2" thick solid core partial 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.	750	Sq.ft.	966	724,500	1,435	1,076,250	49%	1,000	750,000	4%	
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 around the glass of approved type, quality complete in all respect as shown on the drawings and specifications.	150	Sq.ft.	570	85,500	594	89,100	4%	1,000	150,000	75%	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate			M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)		Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
STRUCTURAL STEEL												
Ref. Sec.No. C 13												
01- 02 C 59	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.	2175	Kg	160	348,000		204	443,700	28%	285	619,875	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%
01- 02 C 61	Providing and fixing MS pipe railing for courtyard with paintings, as per drawing and specifications complete in all respect and approved by the engineers.	Rate only	Rft	1,300			789		-39%	4,800		269%
FLOOR AND WALL FINISHES												
Ref. Spec. No. C 07, 08												
01- 02 C 62	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.	8035	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 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.	420	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" (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%
01- 02 C 65	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.	2200	Sq.ft.	383	842,600		268	589,600	-30%	150	330,000	-61%
MARBLE WORKS												
Ref. Spec. No. C 07, 08												
01- 02 C 66	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.	175	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 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%
01- 02 C 68	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	174%
01- 02 C 69	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 complete in all respect.	34	Sq.ft.	153	5,202		240	8,160	57%	410	13,940	168%
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.	50	Sq.ft.	253	12,650		418	20,900	65%	415	20,750	64%
PAINTING												
Ref. Spec. No. C 10												

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	DOORS FRAMES Ref.Spec. No. C09 & C11										
01-02 C 80	G.I frame 16swg redoxidized 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%
	CEMENT PLASTER Ref.Spec. No. C 06										
01-02 C 81	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 Equivalent, 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%
01-02 C 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%
	FLOOR AND WALL FINISHES Ref.Spec. No. C 07, 08										
01-02 C 89	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%
	MARBLE WORKS Ref.Spec. No. C 07, 08										
01-02 C 91	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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	EXTERNAL DEVELOPEMENT										
	DEWATERING										
	Ref.Spec. No. G03										
01- 03 D1	Designing, providing and installation of complete dewatering system including boring, strainer, filter and other all materials, pumping and disposal of 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	Rate Only	L.S.	434,417		330,000			250,000		
	b) Dewatering	Rate Only	Day	10,800		6,600			4,000		
	CONSTRUCTION OF BOUNDARY WALL										
	Ref.Spec. No. C02										
	EARTHWORKS										
	Ref.Spec. No.										
01- 03 D 2	Excavation in all kinds of sub-surface materials upto following depths including disposal of surplus /rejected excavated materials to designated places	5,070	Cft.	12	60,840	13	65,910	8%	10	50,700	-17%
	a) 0 ft to 5 ft										
01- 03 D 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)	2239	Cft.	8	17,912	13	29,107	63%	15	33,585	88%
	b) Obtained from outside sources (material / source to be approved by the Engineer) upto free haulage limit.	750	Cft.	22	16,500	40	30,000	82%	25	18,750	14%
01- 03 D4	Area Fill with selected materials from outside source including watering and compaction to every layer as per specification for Play ground.	19,384	Cft.	22	426,448	40	775,360	82%	20	387,680	-9%
	TERMITE CONTROL TREATMENT										
	Ref.Spec. No. C03										
01- 03 D5	Termite control treatment to specified surfaces following structures complete in all respect as per specification.	2,520	Sq.ft	22	55,440	11	27,720	-50%	15	37,800	-32%
	REINFORCEMENT										
	Ref.Spec. No. C04										
01- 03 D6	Hot rolled deformed steel bars conforming to ASTM A-615 grade 60 having tensile strength equal to or more than 60,000 psi.	6.00	ton.	142,289	853,734	114,385	686,310	-20%	125,000	750,000	-12%
	PLAIN AND REINFORCED CONCRETE										
	Ref.Spec. No. C04										
01- 03 D7	Blinding concrete 1250 psi using slag cement conforming to BS-146.	751	Cft.	243	182,432	199	149,399	-18%	160	120,120	-34%
01- 03 D8	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) Footings	1,495	Cft.	321	479,895	297	444,015	-7%	500	747,500	56%
	b) Columns upto plinth	141	Cft.	396	55,836	472	66,552	19%	500	70,500	26%
	c) Plinth beams	658	Cft.	385	253,330	455	299,390	18%	500	329,000	30%
01- 03 D9	Reinforced cement concrete using OP cement 3000 psi (28 day cylinder strength) in following complete in all respect as per drawings and specification;										
	a) Columns	455	Cft.	405	184,275	551	250,705	36%	500	227,500	23%
	BRICK MASONRY										
	Ref.Spec. No. C05										
01- 03 D10	Solid brick masonry wall 9" thick with using slag cement conforming to BS-146 set in 1:4 cement sand mortar, straight or curve below plinth beam, planters 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	439	Cft.	288	126,360	301	132,064	5%	410	179,888	42%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
	Foothpath Walkway (Precast Paving Blocks / Tiles) Ref. Sec.No.										
01- 03 D23	4" 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.	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, haunching 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%
	EXTERNAL SEWER & MANHOLES										
01- 03 D27	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. 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 Equivalent, 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%
	Septic Tank										
01- 03 D29	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. 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 slag 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 Crystalline water proofing coating on vertical surfaces.	517	Sq.ft.	80	41,360	54	27,918	-33%	157	81,169	96%
01- 03 D32	Water proofing coating treatment to all surfaces in contact with water shall be treated with 1 coat of Crystalline 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 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	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%
01- 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%
01- 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	-	53	-	66%	40	-	25%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D50	Reinforced cement concrete using slag cement conforming to BS-146 having 3000 Psi (28 day Cylinder strength) in following structures as mentioned in drawings & directed by the Engineer.										
	a) Base Slab.	100	Cft.	280	28,000	297	29,700	6%	515	51,500	84%
	b) Walls including chamfer etc.	255	Cft.	345	87,975	472	120,360	37%	515	131,325	49%
	c) Top slabs	60	Cft.	350	21,000	335	20,100	-4%	515	30,900	47%
	d) Precast Slab	10	Cft.	350	3,500	515	5,150	47%	515	5,150	47%
01- 03 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 D52	Providing embedding 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 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- 03 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- 03 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- 03 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- 03 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 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- 03 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 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 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 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%
01- 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%
01- 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%
01- 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 emulsion 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%
01- 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%
01- 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%
01- 03 D84	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 approved by the Engineer) upto free haulage limit.	50	Cft.	8	400	13	650	63%	175	8,750	2088%
		100	Cft.	22	2,200	40	4,000	82%	250	25,000	1036%
01- 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%
01- 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%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
01- 03 D101	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.	349	Sq.ft.	68	23,732	93	32,457	37%	40	13,960	-41%
01- 03 D102	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 D103	Providing embedding 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%	1,250	55,000	305%
01- 03 D104	Supply and fix water tight (Round Type, 24") Pre-cast heavy 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%	8,000	16,000	43%
01- 03 D105	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 D106	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	61,500	13	66,625	8%	10	51,250	-17%
		-	Cft.	15	-	20	-	33%	15	-	0%
01- 03 D107	Blinding concrete 1250 psi using slag cement conforming to BS-146	151	Cft.	243	36,693	199	30,049	-18%	185	27,935	-24%
01- 03 D108	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 D109	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 D110	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%	125,000	71,250	-12%
01- 03 D111	Supply and fix water tight (Round Type, 24") Pre-cast heavy 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%	8,000	48,000	43%
01- 03 D112	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%	1,500	27,000	-37%
01- 03 D113	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%
Total Cost for External Development Rs.					8,174,324		12,806,043			10,272,077	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
d)	Wiring and conducting 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 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.	84	Nos.	798	67,032	1,160	97,440	45%	2,600	218,400	226%
e)	Circuit Wiring and conducting 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%	3,200	67,200	-53%
f)	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%	3,400	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.	35	Nos.	1,118	39,130	1,809	63,315	62%	2,800	98,000	150%
h)	Wiring and conducting 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.	3,203	12,812	6,565	26,260	105%	5,600	22,400	75%
Sub- Total (Rs.)					631,987		863,462			1,283,600	
PART-4: LIGHT FIXTURES, FANS, SWITCHES, OUTLETS & ACCESSORIES											
25-04E 5	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.	46	Nos.	2,058	94,668	2,183	100,418	6%	3,000	138,000	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%	2,400	14,400	55%
c)	Fluorescent Light TCS398 with 2x36Watt TL-D lamp color 84 with M2 Louver & electronic ballast.	22	Nos.	6,704	147,488	5,427	119,394	-19%	4,800	105,600	-28%
d)	Fluorescent Light TCS398 2x36Watt TL-D lamp color 84 with M6 Louver & electronic ballast.	94	Nos.	6,778	637,132	6,286	590,884	-7%	3,950	371,300	-42%
e)	Fluorescent Light TBS 318 with 1x36Watt TL-D lamp color 84 w electronic ballast.	16	Nos.	8,253	132,048	4,654	74,464	-44%	2,800	44,800	-66%
25-04E 6	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 by Engineer.										
a)	56" dia.	15	Nos.	4,888	73,320	5,214	78,210	7%	4,800	72,000	-2%
b)	48" dia.	57	Nos.	4,221	240,597	5,148	293,436	22%	4,200	239,400	0%
c)	36" dia.	1	Nos.	3,549	3,549	4,950	4,950	39%	3,600	3,600	1%
25-04E 7	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 antritrust paint), complete in all respect, as per specifications and drawings and approval by the Engineer.										
i)	One gang - 1 Way Switch	8	Nos.	415	3,320	274	2,192	-34%	450	3,600	8%
ii)	Two gang - 1 Way Switch	22	Nos.	551	12,122	370	8,140	-33%	550	12,100	0%
iii)	Three gang - 1 Way Switch	14	Nos.	693	9,702	471	6,594	-32%	650	9,100	-6%
iv)	Four gang - 1 Way Switch	2	Nos.	830	1,660	572	1,144	-31%	750	1,500	-10%
v)	One gang - Fan Dimmer	7	Nos.	1,591	11,137	1,078	7,546	-32%	1,200	8,400	-25%
vi)	Two gang - Fan Dimmer	33	Nos.	2,940	97,020	2,059	67,947	-30%	1,800	59,400	-39%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
25-04E 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 including all fixing accessories of copper plates on the wall of main holes, brass nuts bolts, washers & all necessary materials, complete in all respects.	2	Nos.	2,111	4,222	26,078	52,156	1135%	9,250	18,500	338%
25-04E 14	Earth pit / Inspection Chamber Construction of Earth pit/ inspection chamber 375mmx375mmx 50mm deep with 150mm thick wall and 330mm x 330mm heavy duty RCC Cover, complete in all respects, as per specification.	2	Nos.	3,906	7,812	15,840	31,680	306%	10,000	20,000	156%
25-04E 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%	30,000	30,000	186%
Sub- Total (Rs.)					90,347		340,447			537,250	
PART-6: TELEPHONE / VOICE SYSTEM											
25-04E 16	Telephone / Data Network										
a)	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.	230	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.	150	R.ft	74	11,100	43	6,450	-42%	450	67,500	508%
d)	Supply, Installation of following telephone / data Outlet plate including RJ-45 IOs and 16 SWG sheet steel back box recessed in wall or wall surface, complete in all respects, as per drawings & specifications and to the entire satisfaction of the Engineer.										
i)	Simplex Outlet RJ 45	23	Nos.	1,145	26,335	1,098	25,254	-4%	1,000	23,000	-13%
ii)	Duplex Outlet RJ 45	3	Nos.	1,801	5,403	2,097	6,291	16%	1,500	4,500	-17%
25-04E 17	Utility Box Supply, Installation, testing and commissioning of Utility box, complete 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%
25-04E 18	Patch Panel										
a)	Supply and installation of following Patch Panels complete in all respects as per the specifications and drawings and to the approval of the Engineer.										
i)	24 Port Patch Panel	1	Nos.	35,154	35,154	22,394	22,394	-36%	25,000	25,000	-29%
25-04E 19	Telephone / Data Patch Cords										
a)	Supply and connecting of telephone 2 Pair drop cord complete in all respects as per the specifications and drawings and to the entire satisfaction of the Engineer.	5	Nos.	294	1,470	2,112	10,560	618%	4,200	21,000	1329%
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.										
i)	1 meter long	24	Nos.	935	22,440	800	19,200	-14%	750	18,000	-20%
ii)	3 meter long	24	Nos.	1,391	33,384	1,155	27,720	-17%	1,000	24,000	-28%
25-04E 20	Communication Rack Supply installation of 15U Data racks for the fixing of 12 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.	1	Nos.	56,144	56,144	30,888	30,888	-45%	30,000	30,000	-47%
25-04E 21	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	6,000	-34%
b)	Telephone without CLI Module	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	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
25-04E32	Wiring & Conduiting										
	a) Circuit Wiring and conduiting from DB to first light point with 1 x 4 sq.mm 3 core Cu/PVC 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%	5,600	22,400	-8%
	b) Same as item (h) but wiring from light point to light point.	8	Nos.	3,917	31,336	2,956	23,648	-25%	4,000	32,000	2%
	Sub- Total (Rs.)				156,496		95,098			142,400	
	PART -11 MISCELLANEOUS WORKS										
25-04E 33	Cable TV System										
	a) 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.	45	Rft.	84	3,780	48	2,160	-43%	400	18,000	376%
	b) 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.	1	Nos.	4,751	4,751	525	525	-89%	6,500	6,500	37%
25-04E 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:										
	i) 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%
25-04E 35	Utility / PTCL Connection										
	a) 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.)				136,971		215,205			1,349,500	
	PART -12 SOLAR ROOM ELECTRIFICATION WORKS										
25-04E 36	LIGHT FIXTURES										
	Supply, installation, testing and commissioning of following light fittings, ceiling /wall mounted made of fiber / plastic body. Complete with electronic ballast, 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%
25-04E 37	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										
	i) Four gang - 1 Way Switch	1	Nos.	830	830	572	572	-31%	750	750	-10%
25-04E 38	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.										
	i) 13A, 3-pin Duplex Switch Socket outlet.	1	Nos.	1,244	1,244	910	910	-27%	1,200	1,200	-4%

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
PLUMBING WORKS (BUILDING)											
PLUMBING FIXTURES											
Supply and Installation of plumbing fixtures & faucets complete in all respects including all accessories, support, hangers, etc. ready to use as per specifications, drawings and instructions of Consultant.											
01-05P1	European style coupled water closet with seat cover, flush tank C.P. (chrome plated) connector, thimble, etc. a. Type - EWC	7	No.	13,150	92,050	15,114	105,798	15%	18500	129,500	41%
01-05P2	Asian style water closet Orissa type with flush tank C.P. (chrome plated) connector, uPVC Class "E" flush pipe, thimble, P-Trap, etc.	22	No.	11,725	257,950	5,676	124,872	-52%	10000	220,000	-15%
01-05P3a	double bib cock brass, chromium plated	20	No.			1,320	26,400		2600	52,000	
01-05P3b	single bib cock brass, chromium plated	4	No.			924	3,696		1400	5,600	
01-05P4	Wash basin (WB) including C.P P- trap/Bottle Trap, stop cocks, etc. i. With half or full pedestal	17	No.	12,150	206,550	15,127	257,159	25%	14000	238,000	15%
01-05P5	Wash basin hot and cold water mixer, waste, etc for WB	20	No.			2,640	52,800		2800	56,000	
01-05P6	Toilet Hand Shower with flexible chain & telephone type shower including tee stop cock complete in all respect. Type - TS	29	No.	3,285	95,265	1,980	57,420		1000	29,000	
01-05P7	Stainless steel lab. sink including stop cocks, P-trap, Bottle trap, waste pipe etc complete in all respects. SK - 1, 15" x 21" single bowl and single drainer.	4	No.	19,440	77,760	14,454	57,816		10500	42,000	
01-05P8	Sink hot and cold water mixer, etc. for following. a. For SK-1	4	No.			3,960	15,840		2000	8,000	
01-05P9	S.S Grease Trap 7.5 Kg. capacity, inlet/outlet 2" Dia connections.	4	No.			3,300	13,200		16500	66,000	
01-05P10	Toilet accessories complete set, (imported make) i. Soap dispenser ii. Toilet paper holder iii. Coat Hook iv. Mirror 5mm (Belgium) v. Paper Rack	7 29 7 120 7	No. No. No. Sft No.	440 870 195 1,100 1,890	3,080 25,230 1,365 132,000 13,230	660 858 924 858 1,320	4,620 24,882 6,468 102,960 9,240	50% -1% 374% -22% -30%	1000 650 600 650 600	7,000 18,850 4,200 78,000 4,200	127% -25% 208% -41% -68%
Sub- Total (Rs.)					904,480		863,171			958,350	
Plumbing Water Supply											
01-05P11	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 & holes complete in all respects i) ½" internal dia (20 mm outer dia) ii) ¾" internal dia (32 mm outer dia) iii) 1" internal dia (40 mm outer dia) iv) 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)	50 400 550 155 230 Rate only Rate only	Rft. Rft. Rft. Rft. Rft. Rft. Rft.	130 180 330 405 585	6,500 72,000 181,500 62,775 134,550	87 171 257 400 639 858 1,122	4,350 68,400 141,350 62,000 146,970 -	-33% -5% -22% -1% 9%	100 125 150 175 200 250 300	5,000 50,000 82,500 27,125 46,000 -	-23% -31% -55% -57% -66%
01-05P12	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. i) ¾" internal dia (32 mm outer dia) ii) 1" internal dia (40 mm outer dia) iii) 1¼" internal dia (50 mm outer dia) iv) 1½" internal dia (63 mm outer dia) v) 2" internal dia (75 mm outer dia) vi) 2½" internal dia (90 mm outer dia)	2 6 4 2 Rate only Rate only	No. No. No. No. No. No.	1,630 3,190 4,670 7,075	3,260 19,140 18,680 14,150	3,706 4,330 6,600 11,708 15,906 40,788	7,412 25,980 26,400 23,416 -	127% 36% 41% 65%	750 1000 1200 1500 2000 2500	1,500 6,000 4,800 3,000 -	-54% -69% -74% -79%
Sub- Total (Rs.)					512,555		506,278			225,925	

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company			
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff	
	Kanchan Arsenic Filter											
	Filter Material.											
01-05P23	Providing & laying gravel, including screening and washing as per drawing or directed by the Engineer. Gravel size 6 mm to 15 mm.	21.13	Cft	70	1,479	99	2,091	41%	1500	31,688	2043%	
01-05P24	Providing & laying coarse sand, including screening and washing as per drawing 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 washing as per drawing or directed by the Engineer.	42.25	Sq.ft.	90	3,803	79	3,338	-12%	1500	63,375	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.	37.24	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" (40mm to 50mm) gauge, including screening and washing as per drawing or directed by the Engineer.	9.31	Cft.	60	559	106	987	77%	2000	18,620	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.	31.92	Sq.ft.	865	27,611	1,135	36,229	31%	450	14,364	-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.											
	i) 1/2" 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											
01-05P32	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" i/d (200mm)	100	Rft.	355	35,500	1,584	158,400	346%	2000	200,000	463%	
01-05P33	Boring for tubewell in all types of soil except shingle and rock, 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" i/d (200mm)	50	Rft.	435	21,750	1,716	85,800	294%	2000	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%	3500	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" i/d(25mm) ii) 1-1/4" i/d(30mm) iii) 2" i/d(50mm)											
	Rate only		Rft.		0	86	-		75	-		
		150	Rft.	160	24,000	185	27,750	16%	100	15,000	-38%	
		40	Rft.	200	8,000	264	10,560	32%	150	6,000	-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" i/d(50mm)	40	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. i) 4" i/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%	3600	10,800	47%	

SECTION - 5
PLUMBING WORKS

SINDH BASIC EDUCATION PROGRAM
GBLS PULL 97 TALUKA QUBO SAEED KHAN

COMPARATIVE STATEMENT OF BIDS

Item	Item Description	QTY	Unit	Engineer's Estimate		M/s. AMCORP Engg & Const.			M/s. WSKB & Company		
				Rate (Rs.)	Amount (Rs)	Rate (Rs.)	Amount (Rs)	% Diff	Rate (Rs.)	Amount (Rs)	% Diff
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.	10	No.			33,000	330,000		7500	75,000	
01-05P47	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	
	Water Supply Pump For GST										
01-05P49	Supply at site, installation, testing and commissioning of water supply reciprocating pump with 2HP motor as per specification 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 31 st March 2016, Daily Jang (Urdu) dated 1 st April 2016 & Daily Kawish Hyderabad (Sindhi) dated 2 nd 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:	9 th May 2016 at 03:30 PM

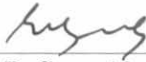
12. Bid Evaluation Report:

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. Kaimkhani & Brothers (KKB)	591,715,509/-	1 st Lowest	3.57% below	1 st 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)


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)


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

Appendix - H

SINDH BASIC EDUCATION PROGRAM
CONSTRUCTION OF NEW SCHOOLS FOR UPGRADATION OF EXISTING SCHOOLS
Package-11: Construction of Eight (08) Schools in District Gamber-Shahdadkot (Taluka Gamber, Miro Khan & Sajawal Junejo)
COMPARATIVE STATEMENT OF BIDS
SUMMARY OF TENDERED COST

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

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 De
 (Member, Procurement Committee)

Sohail Shaniam 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)

Appendix-K



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

Doc No	Name of Company	Mandatory Info	Financial Soundness		Experience Record		Personnel Capabilities		Equipment Capabilities		Other Factors					Total Marks Obtained out of 100	Remarks		
			marks	min >50%	marks	min >50%	marks	min >50%	marks	min >50%	QA/QC Plan	Gen Work Plan	Material Sources	HSE Plan	Total Obtained			min >50%	
1	M/s. Kainkhanani & Brothers (KKB)	Provided	10	PASS	8.33	FAIL	13.50	PASS	0.50	FAIL	1.00	0.00	0.00	1.00	2.00	2.00	9.00	34.33	Technically dis-qualified & incapable to perform Contract
2	M/s. AMCORP Engineering & Construction (Pvt) Limited (Formerly Al-Muntaz Corporation)	Provided	16.58	PASS	25.00	PASS	23.00	PASS	10.00	PASS	2.50	2.00	1.00	3.50	9.00	9.00	83.58	Technically qualified & capable to perform Contract	

Rehan

Choudhry Muhammad Ali

Sohail Shamim Siddiqui

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

Choudhry Muhammad Ali
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Road Sector Development, Directorate of W&S Deptt, GoS
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Rafique Ahmed Buriro
Program Director, PMIU-SBEP
E&L Deptt. Govt. of Sindh
(Chairman, Procurement Committee)


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 31 st March 2016, Daily Jang (Urdu) dated 1 st April 2016 & Daily Kawish Hyderabad (Sindhi) dated 2 nd 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/-	1 st Lowest	10.19% above	<ul style="list-style-type: none">➤ 1st 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	<ul style="list-style-type: none">➤ 2nd lowest evaluated responsive bidder but very high rates	----


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Road Sector Development, Directorate of W&S Deptt, GoS
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(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-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.)		-			2,883,445	
Rebate %					0.50%	
Net Bid Amount after Rebate (Rs.)		459,790,364	507,152,846	10.30%	573,805,567	24.80%
Adding Provisional Sum in the net Bid Amount of Lowest and Technically Qualified Bidder M/s. AMCORP Engineering & Construction (Pvt.) Ltd		4,800,000	4,800,000			
FINAL BID PRICE (Rs.)		464,590,364	511,952,846	10.19%		




Rehan Iqbal Baloch
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E&L Deptt. Govt. of Sindh
(Member, Procurement Committee)



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(Co-Opted Member)



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(Member, Procurement Committee)



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

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

Rehan

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

Choudhry Muhammad Ali

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

Sohail Shamim Siddiqui

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

Rafique Ahmed Buriro

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 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/ 12016/2595

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:

- 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.

(Sohail S. Siddiqui)
Co-opted Member
Chief of Party
Halcrow Pakistan

(Tameezuddin Khoro)
Program Director, PMIU-SBEP
Chairman Procurement Committee/
Education & Literacy Department
Gov of Sindh



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

Attendance Sheet
Bid Opening of (Package 11) - Qambershadadkot

Dated: May 09, 2016

Time: 3:30 PM

S.No	Name	Designation	Department	Contact & Email	Signature
1	Tameezuddin Khero	Program Director	PMIU / SBEP		
2	Rehan Iqbal Baloch	Add. Secretary (GA/C)	Education & Literacy Dept, Gov of Sindh		
3	Chowdhry M. Ali	Director (Road Planning, Designing & Asset Management), Road Sector Development Directorate	W&S Department, Gov of Sindh		
4	Sohail S. Siddiqui	Chief of Party	Halcrow Pakistan		
5	S. Khamran	Provisional office	PMIU-SBEP	0313222969	
6	M. Asim Ahmed	P.M.	KKB	0307-8252365	
7	M. Asadullah Zafar	Planning Engineer	ATCORP	0331-2651061	
8	Yasin Mungar	Supervisor	AMCORP		
9	Hemkaran	Proposer	W&S	0301-832772	



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 II) Qambershadkot

Dated: May 09, 2016

Time: 3:30 PM

S.No	Name	Designation	Department	Contact & Email	Signature
10	Phillavar	CA	PIU		
11	Don	IA	SBEP		
12					
13	Sahid Sabir	PM	Head over		
14	Tauf Khawaj	SEA	PMU		
15					
16					
17					
18					
19					



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

Date: May 09, 2016

Time: 3:30 PM

S.No	Name	Designation	Department	Contact & Email	Signature
1	Tameezuddin Khero	Program Director	PMIU / SBEP		
2	Rehan Iqbal Baloch	Add. Secretary (GAC)	Education & Literacy Dept, Gov of Sindh		
3	Chowdhry M. Aji	Director (Road Planning, Designing & Asset Management), Road Sector Development Directorate	W&S Department, Gov of Sindh		
4	Sohail S. Siddiqui	Chief of Party	Halcrow Pakistan		
5	Zameer Khan	SEA	PMIU -		
6	Hirkoushal Bhatta	Programmer	W.S.R.B		
7	Deu	IA	PMU		
8	Gulshan	car	PMU		
9	M. Arsalan Waleed Zafar	Planning Engineer	AMCERP	arsalan.waleed@amcerp.com.pk	

10. Syed Khuram
Shekaryan

President
of Office

PMIU -
SBEP

03132020969



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/ /2016/2895
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.


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Education & Literacy Dept.
Gov of Sindh


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Director
(Road Planning, Designing & Asset Management)
Road Sector Development
Directorate of W&S Department
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Chairman Procurement Committee/
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Gov of Sindh