



NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section
28-Mauve Area, G-9/1, Islamabad Tel: 9032727, Fax: 9260419

No. 2(546)/GM(P&CA)/NHA/2023/802

04 December, 2023

Managing Director
Public Procurement Regulatory Authority (PPRA)
Islamabad.

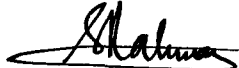

Subject: **CONSTRUCTION OF FLYOVER AT THE JUNCTION OF N-5
AND N-65 AT SUKKUR**

CONTRACT AWARD PERFORMA I & II

Reference: Rule 47 as per PPRA Rules 2004.

Kindly find attached following documents pertaining to the award of subject project as per Rule-47 for uploading on PPRA websites at earliest, please.

- a) Contract Award Proforma -I & II.
- b) Combined Bid Evaluation Report.
- c) Letter of Acceptance.
- d) Contract Agreement.
- e) Priced Bill of Quantities (BOQ)


(SAMI-UR-RAHMAN)
General Manager (P&CA)


Encl: As above

Copy for kind information to:

- Member (Planning), NHA, HQ
- Director (P&CA) Works-IV, NHA, HQ
- Dy. Director (P&CA) Works-III, NHA.....To upload same on NHA website.
- Office File.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)

CONTRACT AWARD PROFORMA - I

To be filled and uploaded on PPRA Website in respect of all Public Contracts
of Works, Services and Goods worth Rs 50 million or more

1	NAME OF THE ORGANIZATION/DEPTT	National Highway Authority			
2	FEDERAL/PROVINCIAL GOVT/OTHERS	Federal Govt (Autonomous Body)			
3	TITLE OF CONTRACT	Construction of Flyover at the Junction of N-5 and N-65 at Sukkur.			
4	TENDER NUMBER / BID NUMBER	2(546)			
5	BRIEF DESCRIPTION OF THE CONTRACT	The project envisages construction of Flyover at Junction point of N-5 & N-65 at Sukkur to ease out through traffic of N-5 along with facilitation of N-65 traffic with provision of service			
6	TENDER VALUE	Rs 2,022,453,337/-			
7	ENGINEER'S ESTIMATE (for civil works only)	Rs. 1,003,462,926/-			
8	ESTIMATED COMPLETION PERIOD (AS PER CONTRACT)	12 Months			
9	WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?	N/A			
ADVERTISEMENT					
10	(i) PPRA Website (Federal Agencies)	Yes	✓	No	x
	(ii) News Papers	Yes	✓	No	x
(If yes, give names of newspapers and date)		Roznama JANG, Roznama Express (Urdu Newspaper) and DAWN (English Newspaper) dated 26th July, 2022.			
11	TENDER OPENED ON (Date and Time)	PQ proposals opened on 23rd August 2022 at 1200 Hrs Financial Bids opened on 16th March 2023 at 1500 Hrs.			
12	NATURE OF PURCHASE	Procurement of Civil works			
13	EXTENSION IN DUE DATE (if any)	Yes	x	No	✓
14	NUMBER OF TENDER DOCUMENTS SOLD	Three (03). Moreover, documents were available on NHA web site to download free of cost.			
15	WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS	Yes	✓	No	x
		Qualification criteria included in Instruction to Bidders and BDS of bidding document			
16	WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS	Yes	✓	No	x
WHICH METHOD OF PROCUREMENT WAS USED:-		(Tick one)			
17	a) SINGLE STAGE - ONE ENVELOPE PROCEDURE		✓		
	b) SINGLE STAGE - TWO ENVELOPE PROCEDURE		x		
	c) TWO STAGE BIDDING PROCEDURE		x		
	d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE		x		
Please specify if any other method of procurement was adopted with brief reasons (i.e. Emergency, Direct Contracting, Negotiated Tendering, etc.					
18	WHO IS THE APPROVING AUTHORITY	NHA Executive Board			
19	WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THEN OPEN COMPETITIVE BIDDING	N/A			
20	NUMBER OF BIDS RECEIVED	Three (03)			
21	WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER	Yes	✓	No	x
22	WHETHER INTEGRITY PACT WAS SIGNED	Yes	✓	No	x

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CONTRACT AWARD PROFORMA - II

To be filled and uploaded on PPRA Website in respect of all Public Contracts
of Works, Services and Goods worth Rs 50 million or more

1	NO. OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS	Twelve (12) applicants were present at the time of pre-qualification. Three (03) bidders were present at the time of price bid .			
2	NAME & ADDRESS OF SUCCESSFUL BIDDER	M/s KING ENTERPRISES-SHAMSHER KHAN & CO (JV) B-72, Works Cooperative Housing Society, Block-15 ,KDA Scheme 24, Gulshan-e-Iqbal, Karachi.			
3	RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT	1st Lowest evaluated bidder			
4	NEED ANALYSIS (Why the procurement was necessary?)	In larger public interest			
5	IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE REASONS (Briefly describe)	N/A			
6	WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS	Yes	√	No	x
7	DATE OF CONTRACT SIGNING (Attach a copy of agreement)	21st November, 2023			
8	CONTRACT AWARD PRICE	Rs 2,022,453,337/-			
9	WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS (Attach a copy of evaluation report)	Yes	x	No	√
		Uploaded on PPRA & NHA Websites.			
10	ANY COMPLAINTS RECEIVED (If Yes, result thereof)	Yes	x	No	√
11	ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS (if yes give details)	Yes	x	No	√
12	DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)	Yes	x	No	√
13	SPECIAL CONDITIONS, IF ANY (Give Brief Description)	N/A			

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NATIONAL HIGHWAY AUTHORITY
Procurement & Contract Administration Section
28-Mauve Area, G-9/1, Islamabad Tele: 051-9032727

No.2 (546) GM (P&CA/NHA/2023/282 Islamabad the // May, 2023

Managing Director
Public Procurement Regulatory Authority (PPRA)
1st Floor FBC Building near State Bank,
G-5/2, Islamabad

Subject: **CONSTRUCTION OF FLYOVER AT THE JUNCTION OF N-5 AND N-65**
AT SUKKUR
ANNOUNCEMENT OF BID EVALUATION REPORT

Reference: PPRA Rule-35 (announcement of bid evaluation report)

Find enclosed herewith the duly filled and signed Bid Evaluation Report pertaining to the procurement of subject work for uploading on your website at earliest, please.


(SAMI UR RAHMAN)
General Manager (P&CA)

Enclosures: Bid Evaluation Report.

CC: -

- Member (Planning), NHA
- Director (Tech) NHA, Islamabad
- Director (Works-4) P&CA, NHA
- Director (MIS), NHA. **(to upload the same on NHA website as well)**

FINAL EVALUATION REPORT

(As Per Rule 35 Of PPRA Rules, 2004)

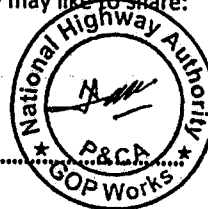
1. Name of Procuring Agency: National Highway Authority
2. Method of Procuring: Single Stage One Envelope e-Bidding Procedure/ Pre - Qualification Basis
3. Title of Procurement: Construction of Flyover at the Junction of N-5 and N- 5 at Sukkur.
4. Tender Inquiry No: 2(546)
5. PPRA Ref. No. (TSE): PPRA Website No. TS486263E
6. PQ Notice: Published on 26th July, 2022.
No of PQ Application Received = 12
No of Firms/JV Qualified = 09
Rule 35 Report for PQ announced on 20th January 2023
7. Invitation for Bids: 13th February, 2023.
8. Bid Submission/Opening Date: 16th March, 2023
9. No of Bids Received: 03

Sr. No	Name of Bidder	Technical Evaluation	Evaluated Price Bid (E.B) Rs.	Position
1	M/s King Enterprises- Shamsher Khan & Co.(JV)	Pre-Qualified	2,022,453,337.50	1 st Lowest
2	M/s Umer Jan & Company-Hasas (JV)	Pre-Qualified	2,045,164,916.00	2 nd Lowest
3	M/s National Logistic Cell Engineers (NLC ENGRS)	Pre-Qualified	2,517,682,976.03	3 rd Lowest
4	M/s Sheikh Abdur Razzaq & Company (Pvt) Ltd	Pre-Qualified	Did Not Submit the Bid	---
5	M/s Usmani International Associates (Pvt) Ltd	Pre-Qualified	-do-	----
6	M/s SMC-MASCOON (JV)	Pre-Qualified	-do-	----
7	M/s FWO	Pre-Qualified	-do-	----
8	M/s KNK (Pvt) Ltd	Pre-Qualified	-do-	----
9	M/s RMS (Pvt) Ltd	Pre-Qualified	-do-	----

Most Advantageous Bidder: M/s King Enterprises- Shamsher Khan & Co.(JV)

10. Any other additional/ supporting information, the procuring agency may like to share:

Signature.....
Standard Bidding Documents (SBD)

Official Stamp.....


Construction of Flyover at the Junction of N-65 at Sukkur.

Page 1 of 1



NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section

28-Mauve Area, G-9/1, Islamabad Tel: 9032727, Fax: 9260419

No. 2(546)/GM (P&CA)/NHA/2023/-558

16 August 2023

Mr. Asif Ahmed

Authorized Representative

M/s King Enterprises - Shamsher Khan & Co. (JV)

B-72, Works Co-operative Housing Society,
Block-15, KDA Scheme 24, Gulshan-e-Iqbal,
Karachi.

Subject: **LETTER OF ACCEPTANCE:**
CONSTRUCTION OF FLYOVER AT THE JUNCTION OF N-5
AND N-65 AT SUKKUR

Reference: Your Price bid opened on 16th March 2023.

In accordance with Clause IB.31 of the Instructions to Bidders, undersigned is pleased to inform the acceptance of your bid by the Competent Authority at the amount **Rs.2,022,453,337/-** (Rupees Two billion, Twenty-Two million, Four hundred Fifty-Three thousand, Three hundred & Thirty-Seven only).

2. The aforementioned amount is the "Accepted Contract Amount" payable in consideration of the execution, completion, maintenance and Defects Liability of the works as prescribed in the Contract Documents to be executed between the parties.

3. It is advised to proceed according to the Clause IB.32 and IB.33 of Instruction to Bidders with due consideration to the conditions stipulated in the Bidding Document.

(SAMI-UR-RAHMAN)

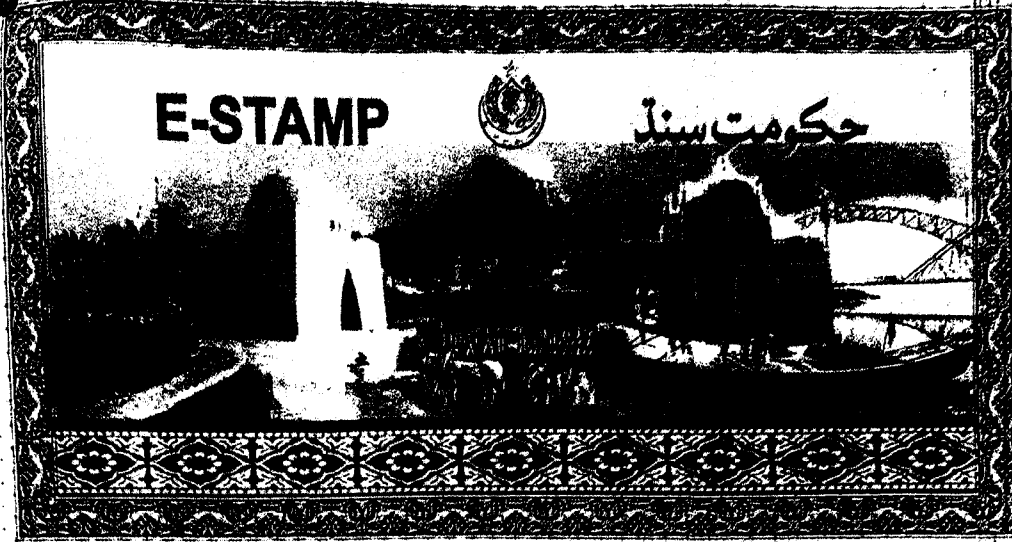
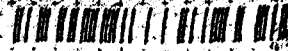
General Manager (P&CA)

Copy for Information:

- Member (Planning), NHA HQ
- Member (Engg-Coord), NHA HQ
- Member (Finance), NHA HQ
- G.M (B&A), NHA HQ
- G.M (Concerned), NHA- SUKKUR.
- Director (Tech) to Chairman, NHA HQ



99735



NBP-0289-2310020003161392

GoS-KHI-AFF07EE713F26D2A

Non-Judicial

Rs 500/-

Description	: Agreement or Memorandum of an Agreement - 3(b)
Seller	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Purchaser	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Applicant	: ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Stamp Duty Paid by	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Issue Date	: 02-Oct-2023, 05:48:57 PM
Paid Through Challan	: 2023D585DF06ACB5
Amount in Words	: Five Hundred Rupees Only

Please Write Below This Line

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the day of 21st November 2023 between **National Highway Authority**, 28 Mauve Area G-9/1, Islamabad. (Hereinafter called the "Employer" which expression shall include the successors, legal representatives, and permitted assignees) of the one part and **"M/s King Enterprises - Shamsher Khan & Co. (JV)"**, "Plot B-72, Works Co-operative Housing Society, Block-15, KDA Scheme 24, Gulshan-e-Iqbal, Karachi" (hereinafter called the "Contractor" which expression shall include the successors, legal representatives, and permitted assignees) of the other part.

WHEREAS, the Employer is desirous that certain Works, viz **"CONSTRUCTION OF FLYOVER AT THE JUNCTION OF N-5 AND N-65 AT SUKKUR"** should be executed by the contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

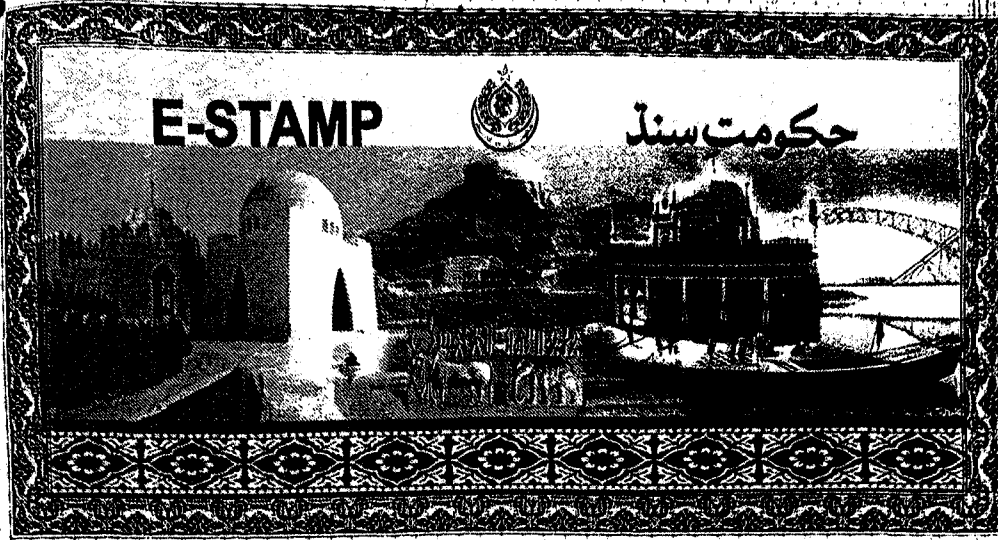
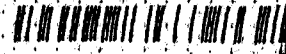
1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, except those parts relating to Instructions to Bidders shall be deemed to form and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

The Contract Agreement;
The Letter of Acceptance No. 2(546)/GM (P&CA)/NHA/2023 dated 16th August 2023



(ASIM AMIN)
Member (Planning)
National Highway Authority
Islamabad





NBP-0289-2310020003161405

GoS-KHI-7B43B5157FDBDBD7

Non-Judicial

Rs 500/-

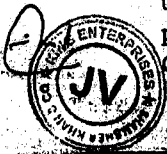
Description	: Agreement or Memorandum of an Agreement - 3(b)
Seller	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Purchaser	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Applicant	: ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Stamp Duty Paid by	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Issue Date	: 02-Oct-2023, 05:49:56 PM
Paid Through Challan	: 2023CD1F8A4DF7DF
Amount In Words	: Five Hundred Rupees Only

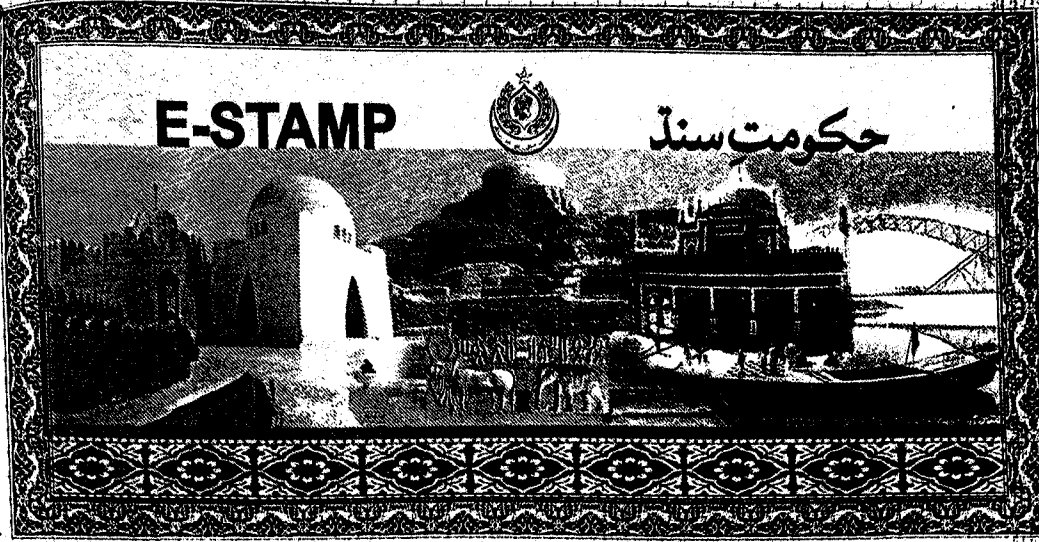
Please Write Below This Line

- (iii) The completed Form of Bid (Letter of Technical Bid and Letter of Price Bid);
- (iv) Addendum and Corrigendum, pertaining to the Contract Documents;
- (v) Special Stipulations (Appendix-A to Bid);
- (vi) Special Provisions (Contractual);
- (vii) The Particular Conditions of Contract – Part II;
- (viii) The General Conditions – Part I;
- (ix) The priced Bill of Quantities (Appendix-D to Bid);
- (x) The completed Appendices to Bid (C, E to P);
- (xi) Special Provisions (Specifications);
- (xii) NHA General Specifications and its Addenda (if any);
- (xiii) The Drawings; and
- (xiv) Any other document.

(ASIM AMIN)
Member (Planning)
National Highway Authority
Islamabad

3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed in the Contract.





NBP-0289-2310020003161382

GoS-KHI-087FE997821E0CE8

Non-Judicial

Rs 500/-

Description	: Agreement or Memorandum of an Agreement - 3(b)
Seller	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Purchaser	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Applicant	: ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Stamp Duty Paid by	: CARE OF ADV SARDAR SHABBIR SULTAN [42501-4012929-5]
Issue Date	: 02-Oct-2023, 05:48:02 PM
Paid Through Challan	: 2023DFA04DBE6CZ7
Amount in Words	: Five Hundred Rupees Only

Please Write Below This Line

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.

For and on behalf of

For and on behalf of

**National Highway Authority
(Employer)**

**M/s King Enterprises - Shamsheer
Khan & Co. (JV)**

(ASIM AMIN)
Member (Planning)
National Highway Authority
Islamabad

Plot B-72, Works Co-operative
Housing Society, Block-15, KDA
Scheme 24, Gulshan-e-Iqbal, Karachi.
(Contractor)

ASIF AHMED

42201-0318184-7

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

Muhammad Ilyas
Cust # 42201-0261325-1

General Manager (P&CA)
National Highway Authority
Islamabad



Construction of Flyover At The Junction of N-5 And N-65 At Sukkur.

Contract No. 2(546)

Bill Summary		
Bill No.	Bill Description	Amount (Rs.)
1	Earth Work And Allied Activities	155,037,000.00 PKR
2	Sub Base and Base	288,477,400.00 PKR
3	Surface Course And Pavement	103,125,050.00 PKR
4.1	Structures (Rigid Pavement)	183,250,000.00 PKR
4.2	Structures (Flyover)	304,176,570.00 PKR
4.3	Structures (Flyover Retaining Walls)	365,937,860.00 PKR
4.4	Structures Soil Investigation for Flyover	1,954,500.00 PKR
5	Drainage & Erosion Works (Drain)	292,271,562.00 PKR
6	Ancillary Works	46,260,105.10 PKR
6a (Ancillary Works)	1. Pavement Works	18,245,145.00 PKR
6a.2 Ancillary Works (Toll Plaza)	2. Plumbing Works	3,599,000.00 PKR
6a.3. Ancillary Works (Toll Plaza)	3. Electrical Works	16,064,134.00 PKR
6a.4 Ancillary Works (Toll Plaza)	4. Toll Booth	6,841,480.00 PKR

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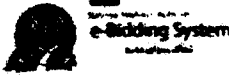
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132

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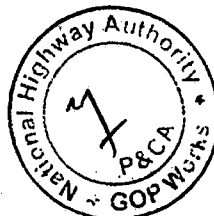


BID No.	Bid Description	Amount (PKR)
Plaza)		
6a. 6 Ancillary Works (Toll Plaza)	6. (Electrical Works) Steel Canopy	1,509,726.40 PKR
6a. 7 Ancillary Works (Toll Plaza)	7. Civil Works (Office And Accommodation Building)	26,996,210.00 PKR
6a. 8 Ancillary Works (Toll Plaza)	8. Plumbing Works (Office And Accommodation Building)	3,009,700.00 PKR
6a. 9 Ancillary Works (Toll Plaza)	9. Electrical Works (Office And Accommodation Building)	3,372,438.00 PKR
6a. 10 Ancillary Works (Toll Plaza)	10. Electrical Works (Generator Room)	7,816,032.00 PKR
6a. 11 Ancillary Works (Toll Plaza)	11. Weigh Station & Allied Works	26,600,000.00 PKR
7	General Items	89,540,000.00 PKR
8 (a)	Electrical Works (Road Lighting Network Based on LED Road Lighting Fixtures) Design, supply, transportation, storage, installation, testing and commissioning of the following items of work, including all material, labour, tools and accessories etc. required for proper completion of each item as per specification, drawings and/or as directed by the Engineer.	34,671,915.00 PKR
8b	Electrical Works 2nd BI Annual Period 2020 (MRS Items) Wiring And Accessories	437,400.00 PKR
8c	Electrical Works 2nd Bi Annual Period 2020 (NON MRS Items)	228,150.00 PKR
Total Bid Amount (In Figure):		2,022,453,337.50 PKR

Print Date: 15/03/2023 07:54 PM

Digitally Signed  kes30@gmail.com

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Bill No.	Bill Description	Amount (Rs.)
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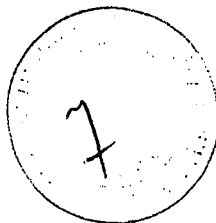
Total Bid Amount (in Words): TWO BILLION TWO MILLION FOUR HUNDRED FIFTY THREE THOUSAND THREE HUNDRED THIRTY SEVEN RUPEES FIFTY PAISA ONLY



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Digitally Signed by: kingenterprises30@gmail.com

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134

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Construction of Flyover At The Junction of N-5 And N-65 At Sukkur.

Contract No. 2(546)

NOTE: The bidder will quote the rate against each item in the Bill of Materials (BOM) displayed on the NHA e-Bidding System. The system will automatically calculate the Bid Price based on the quoted rate(s).

1 - Earth Work And Allied Activities					
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
101	CLEARING AND GRUBBING	Sq.m	3,960.00	90.00	356,400.00
104	COMPACTION OF NATURAL GROUND	Sq.m	34,070.00	40.00	1,362,800.00
106a	EXCAVATE UNSUITABLE COMMON MATERIAL	Cu.m	500.00	390.00	195,000.00
108a	FORMATION OF EMBANKMENT FROM ROADWAY EXCAVATION IN COMMON MATERIAL	Cu.m	1,100.00	600.00	660,000.00
108c	FORMATION OF EMBANKMENT FROM BORROW EXCAVATION IN COMMON MATERIAL	Cu.m	129,764.00	1100.00	142,740,400.00
108d	FORMATION OF EMBANKMENT FROM STRUCTURAL EXCAVATION IN COMMON MATERIAL	Cu.m	13,719.00	600.00	8,231,400.00
109a	SUBGRADE PREPARATION IN EARTH CUT	Sq.m	14,910.00	100.00	1,491,000.00
Total Quoted Price : (In Figures)					155,037,000.00
Total Quoted Price (In Words) : One hundred fifty five million thirty seven thousand Rupees only					

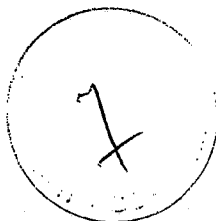


27

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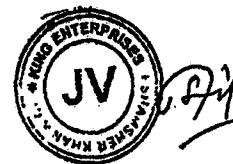
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135

2 - Sub Base and Base

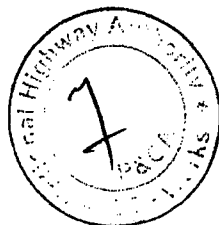
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
201a	Granular Subbase	CM	9,034.00	2100.00	18,971,400.00
201b	Reuse of Broken / Salvaged Granular Material from existing Road as Subbase	CM	1,800.00	1200.00	2,160,000.00
202	Aggregate Base	CM	16,076.00	3800.00	61,088,800.00
203b	Asphatic Base Course Plant mix (Class B)	CM	8,724.00	22800.00	198,907,200.00
209a	Breaking of Existing Road Pavement Structure	CM	2,500.00	900.00	2,250,000.00
209b	Scarification of Existing Road Pavement	SM	17,000.00	300.00	5,100,000.00
Total Quoted Price : (In Figures)					288,477,400.00
Total Quoted Price (In Words) : Two hundred eighty eight million four hundred seventy seven thousand four hundred Rupees only					



Print Date: 15/03/2023 07:54 PM

Digitally Signed by: kingenterprises30@gmail.com

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136

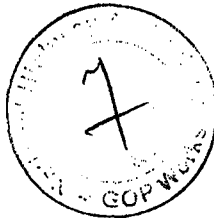
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3 - Surface Course And Pavement					
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
302a	Cut -Back Asphalt for Bituminous Prime Coat	SM	62,312.00	150.00	9,346,800.00
303a	CUT-BACK ASPHALT FOR BITUMINOUS TACK COAT	Sq.m	125,547.00	150.00	18,832,050.00
305a	ASPHALTIC CONCRETE FOR WEARING COURSE (CLASS "A")	Cu.m	3,149.00	23800.00	74,946,200.00
Total Quoted Price : (In Figures)					103,125,050.00
Total Quoted Price (In Words) : One hundred three million one hundred twenty five thousand fifty Rupees only					



4.1 - Structures (Rigid Pavement)

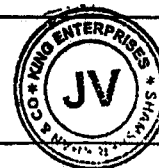
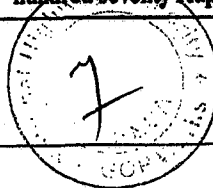
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
401a3ii	Concrete Class A3 (4000 PSI)	CM	4,260.00	18000.00	76,680,000.00
401 f	Lean Concrete	CM	1,020.00	10500.00	10,710,000.00
404b	Reinforcement as per AASHTO M-31 Grade 60	TON	260.00	368000.00	95,680,000.00
406a	Premoulded Joint Filler 12 Mm Thick With Bitumastic Joint Seal	SM	60.00	3000.00	180,000.00
Total Quoted Price : (In Figures)					183,250,000.00
Total Quoted Price (In Words) : One hundred eighty three million two hundred fifty thousand Rupees only					



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4.2 - Structures (Flyover)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
107a	Structural Excavation in Common Material	CM	665.00	390.00	259,350.00
107e	Common Backfill	CM	143.00	300.00	42,900.00
401a3iii	Concrete Class A3 (4000 psi) Pile Cap and Wing Wall (Elevated)	CM	559.00	18500.00	10,341,500.00
401a3iii	Concrete Class A3 (4000 psi) Diaphragms and Deck slab (Elevated)	CM	290.00	18200.00	5,278,000.00
401a1ii	Concrete Class A1 (3000 psi) Approach Slab (On Ground)	CM	53.00	15000.00	795,000.00
401a3i	Concrete Class A3(4000 psi) Pile (Under Ground)	CM	830.00	18000.00	14,940,000.00
401a1ii	Concrete Class A1(3000psi) N.J.Barrier (On Ground)	CM	49.00	15000.00	735,000.00
401a3iii	Concrete Class A3 (4000 psi) Abutment Girder Seat (Elevated)	CM	575.00	17700.00	10,177,500.00
401a3iii	Concrete Bearing Pads, Concrete Class A3 (Elevated)	CM	1.00	18000.00	18,000.00
401d	Concrete Class D1 (5000 psi) Prestressed 'I' Shaped girder	CM	523.00	30000.00	15,690,000.00
405a	Prestressing Steel (Pre-cast prestressed girder) grade 270 ksi, Grade 1860	TON	32.00	590000.00	18,880,000.00
405 b	Launching of Precast- Prestressed Girders	TON	1,256.00	2400.00	3,014,400.00
401f	Lean Concrete	CM	40.00	10500.00	420,000.00
404b	Reinforcement as per AASHTO M-31 Grade-60	TON	515.00	368000.00	189,520,000.00
406cii	Manufactured trade mark expansion Joints for bridges movement, upto 50mm (European / equivalent)	LM	59.00	65000.00	3,835,000.00
406ei	Elastomeric Bearing Pads	C.CM	485,760.00	4.50	2,185,920.00
407d1	Cast-in place pile upto 1.0 m dia in normal Soil (boring only)	LM	1,056.00	20000.00	21,120,000.00
407k	Pile Load Test (upto 800 TON)	EACH	1.00	4700000.00	4,700,000.00
407l	Pile Proof Load Test (upto 550 TON)	EACH	1.00	2000000.00	2,000,000.00
SP-417a	Sonic Integrity Tests (SIT) on all Piles	EACH	32.00	7000.00	224,000.00
Total Quoted Price : (In Figures)					304,176,570.00
Total Quoted Price (In Words) : Three hundred four million one hundred seventy six thousand five hundred seventy Rupees only					



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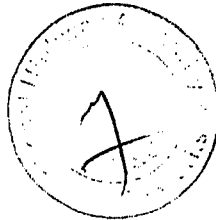
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4.3 - Structures (Flyover Retaining Walls)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
107a	Structural Excavation in Common Material	CM	13,054.00	390.00	5,091,060.00
107e	Common Backfill	CM	12,374.00	700.00	8,661,800.00
107d	Granular Backfill Material under Footing	CM	9,437.00	2100.00	19,817,700.00
401a3iii	Concrete Class A3 (4000 psi) Retaining Walls	CM	1,952.00	22000.00	42,944,000.00
401a3ii	Concrete Class A3 (4000 psi) Foundation	CM	1,892.00	22000.00	41,624,000.00
401 f	Lean Concrete	CM	295.00	10500.00	3,097,500.00
404b	Reinforcement as per AASHTO M-31 Grade 60	TON	654.00	368000.00	240,672,000.00
406a	Premoulded joint filler 12mm thick with bitumastic joint seal	SM	145.00	3000.00	435,000.00
406dii	PVC Waterstop 8" size	LM	1,892.00	1900.00	3,594,800.00
Total Quoted Price : (In Figures)					365,937,860.00
Total Quoted Price (In Words) : Three hundred sixty five million nine hundred thirty seven thousand eight hundred sixty Rupees only					



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4.4 - Structures Soil Investigation for Flyover

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SP-414 (a)	6" minimum dia drilling straight rotary/ Percussion including back filling of holes from NSL upto 40m depth or till the rock level, which ever is met earlier.	LM	80.00	3500.00	280,000.00
SP-414(b)	Perform SPT at 1 m interval i/c collection, preservation & Transportation of disturbed samples to an approved Laboratory	CM	175.00	3500.00	612,500.00
SP-414(c)	Collection of undisturbed soil samples from boreholes using Shelby pitcher/denison sampler i/c preservation and transportation of samples to an approved Laboratory.	No	15.00	4000.00	60,000.00
SP-414(d)	Performance of FDT in test pits through sand replacement method i/c moisture content determination.	No	8.00	2000.00	16,000.00
SP-414(e)	Excavation of testpits upto 1.5 m depth along road alignment including backfilling of pits to original condition.	M	6.00	3000.00	18,000.00
SP-414(f)	Collection of undisturbed block samples from test pits at appropriate location as directed by the Engineer	No	4.00	5000.00	20,000.00
SP-414(g)	Collection & preservation of water samples from bore holes & transportation to an approved Laboratory.	No	4.00	7000.00	28,000.00
SP-414(h) i	Laboratory Testing (Grain size analysis.)	No	30.00	4500.00	135,000.00
SP-414(h) ii	Laboratory Testing (Hydrometer analysis.)	No	10.00	9000.00	90,000.00
SP-414(h) (iii)	Laboratory Testing (Atterberg limits)	No	15.00	5000.00	75,000.00
SP-414(h) (iv)	Laboratory Testing (Specific gravity)	No	15.00	6000.00	90,000.00
SP-414(h) (v)	Laboratory Testing (Natural moisture content)	No	15.00	7000.00	105,000.00
SP-414(h) (vi)	Laboratory Testing (Bulk density & Dry density (Soil/rock cores)	No	15.00	7000.00	105,000.00
SP-414(h) (vii)	Laboratory Testing (Direct shear test)	No	10.00	6000.00	60,000.00

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SP-414(h) (viii)	Laboratory Testing Consolidation test (collapse/swell potential)	No	3.00	8000.00	24,000.00
SP-414(h) (ix)	Laboratory Testing (Unconfined compression test (Soil/rock cores)	No	10.00	12000.00	120,000.00
SP-414(h) (x)	Laboratory Testing (Chemical analysis of soil)	No	4.00	6000.00	24,000.00
SP-414(h) (xi)	Laboratory Testing (Chemical analysis of water)	No	4.00	6000.00	24,000.00
SP-414(h) (xii)	Laboratory Testing (CBR)	No	4.00	8000.00	32,000.00
SP-414(h) (xiii)	Laboratory Testing Modified Proctor Test	No	4.00	9000.00	36,000.00
Total Quoted Price : (In Figures)					1,954,500.00
Total Quoted Price (In Words) : One million nine hundred fifty four thousand five hundred Rupees only					



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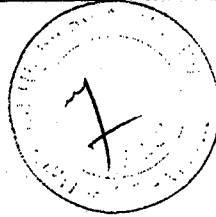
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5 - Drainage & Erosion Works (Drain)					
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
107a	Structural Excavation in Common Material	CM	15,546.00	353.00	5,487,738.00
107 e	Common backfill	CM	5,484.00	786.00	4,310,424.00
401a3ii	Base Slab of Drain, Concrete Class A3	CM	825.00	16000.00	13,200,000.00
401a3iii	Side Walls & Top Slab of Drain, Concrete Class A3	CM	3,595.00	16000.00	57,520,000.00
401 f	Lean Concrete	CM	332.00	10500.00	3,486,000.00
404 b	Reinforcement as per AASHTO M-31 Grade 60	TON	531.00	368000.00	195,408,000.00
406dii	PVC Waterstop 8" Size	LM	393.00	1900.00	746,700.00
406a	Premoulded Joint Filler 12mm Thick with Bitumastic Joint Seal	SM	24.00	3000.00	72,000.00
SP-501a (i) 2" (50 mm) dia	Supplying, laying, jointing, testing of non-pressure (SN-8) uPVC pipes, complete in all respects according to EN-1401 as per drawings, specifications and approved manufacturer.	M	30.00	650.00	19,500.00
SP-501a (ii) 6" (160 mm) dia	Supplying, laying, jointing, testing of non-pressure (SN-8) uPVC pipes, complete in all respects according to EN-1401 as per drawings, specifications and approved manufacturer.	M	60.00	2800.00	168,000.00
SP-501b	Providing and fixing uPVC Floor Trap of approved quality including PVC grating and cover	No	6.00	200.00	1,200.00
SP-502	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" 1/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	EACH	240.00	8900.00	2,136,000.00
510	Dismantling of Structures and Obstruction	CM	4,010.00	1600.00	6,416,000.00
509d	Grouted Riprap Class A	CM	550.00	6000.00	3,300,000.00
Total Quoted Price : (In Figures)					292,271,562.00
Total Quoted Price (In Words) : Two hundred ninety two million two hundred seventy one thousand five hundred sixty two Rupees only					

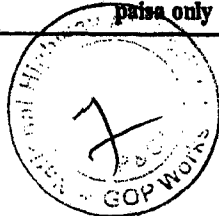


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6 - Ancillary Works

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
601ai	RCC New Jersey Barrier (In-Situ) for Median Double Face (Incl. Reinforcement)	M	1,056.00	15000.00	15,840,000.00
601dii	Precast Curb in Concrete Class A-1 of size of Size 450X150 mm Including Bedding & Haunching	M	7,018.00	1441.95	10,119,605.10
604a	Metal Guard Rail	M	726.00	6000.00	4,356,000.00
604b	Guard Rail End Pieces	EACH	9.00	7000.00	63,000.00
604d	Steel Post for Guard Rail	EACH	192.00	8000.00	1,536,000.00
607a	Traffic Road Signs, Triangular Category -1	EACH	10.00	22000.00	220,000.00
607b	Traffic Road Signs, Circular, Category - 2	EACH	10.00	35000.00	350,000.00
607e	Traffic Road Signs Rectangular Category - 3(c)	SM	50.00	6500.00	325,000.00
608 h2	Pavement Marking in Reflective TP Paint for line of 15cm width	M	10,460.00	200.00	2,092,000.00
608 j2	Pavement Marking in Reflective TP Paint for 4m Arrows	EACH	55.00	2000.00	110,000.00
609ci	Reflectorised Plastic Pavement Studs (Raised Profile Type - Single)	EACH	897.00	500.00	448,500.00
SP-613a	Gantry Sign Type-I as shown on drawing	EACH	3.00	1800000.00	5,400,000.00
SP-613b	Gantry Sign Type-II as shown on drawing	EACH	3.00	1800000.00	5,400,000.00
Total Quoted Price : (In Figures)					46,260,105.10
Total Quoted Price (In Words) : Forty six million two hundred sixty thousand one hundred five Rupees ten					
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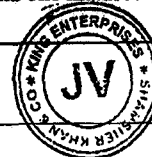


6a (Ancillary Works) - 1. Pavement Works					
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
401b	Concrete Class B Toll Booth protection works	C/M	78.00	14000.00	1,092,000.00
401f	Lean Concrete	C/M	495.00	10500.00	5,197,500.00
404a	Reinforcement as per AASHTO M-31 grade 40	TON	2.00	368000.00	736,000.00
410	Brick work for manhole, crash barrier etc.	CM	31.00	13000.00	403,000.00
510	Dismantling of structure and obstruction	CM	24.00	1600.00	38,400.00
601dii	Precast kerb in concrete class A-1 of size 450 x 150 mm including concrete bedding and haunching.	LM	128.00	1800.00	230,400.00
604a	Metal guard rail	LM	160.00	6000.00	960,000.00
604d	Steel post of metal guard rail	LM	96.00	8000.00	768,000.00
607a	Traffic road sign category 1	EACH	4.00	22000.00	88,000.00
607b	Traffic road sign category 2	EACH	4.00	35000.00	140,000.00
607c	Traffic road sign category (3a)	EACH	6.00	40000.00	240,000.00
607e	Traffic road sign category (3c)	SM	38.00	6500.00	247,000.00
608h1	Pavement marking in reflectorized CR paint 150mm	LM	2,000.00	60.00	120,000.00
609c	Reflecting Pavement studs raised profile type single sided	EACH	950.00	700.00	665,000.00
501a	Providing and placing of RCC pipe 310mm dia for drainage complete with all respect as per drawing and specifications.	LM	110.00	4000.00	440,000.00
NSI-2	Apply 03 coats plastic emulsion paint as specified.	SM	1,200.00	450.00	540,000.00
NSI-3	Providing and placing plastic drums with sand in position. As per drawings	EACH	192.00	8000.00	1,536,000.00
NSI-4	Providing and placing soft wooden blocks (0.3 x 0.15 x 0.15m) in position	EACH	272.00	1500.00	408,000.00
NSI-5	Providing and placing polythene sheet under rigid pavement	SM	5,167.00	35.00	180,845.00
NSI-6	Providing all the material as per drawings & specifications and making of expansion joint as instruction of engineer in charge.	LM	980.00	2400.00	2,352,000.00
NSI-7	Providing all the material as per drawings & specifications and making of construction joint as instruction of engineer in charge.	LM	621.00	3000.00	1,863,000.00
Total Quoted Price : (In Figures)					18,245,145.00
Total Quoted Price (In Words) : Eighteen million two hundred forty five thousand one hundred forty five Rupees only					

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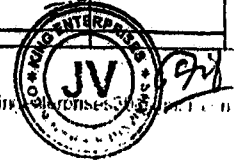
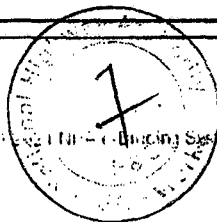
6a. 2 Ancillary Works (Tool Plaza) - 2. Plumbing Works

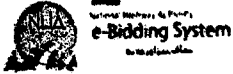
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
S.P-PW-1	Boring of well in all types of soil 100mm dia upto 90m depth.	LM	80.00	6000.00	480,000.00
S.P-PW-2	S/I of 100mm dia Pak therm PVC pipe casing of wall 1/4" thickness.	LM	70.00	2800.00	196,000.00
S.P-PW-3	S/I testing and commissioning pumping set of capacity 100m head and 60gpm including electrical wiring and pipe from pump setting to ground level and foundation etc. complete in all respect.	Set	1.00	610000.00	610,000.00
S.P-PW-4	S/I testing and commissioning centrifugal pumping set AC electrical motor driven 400V, 3 phase, 50 Hz, 2hp motor mounted on common channel base plate duly aligned including starter wiring and foundations etc. complete in all respect.	Set	1.00	390000.00	390,000.00
S.P-PW-5	Supply and fix tubes water quality (RAKtherm) with all fitting (i.e sockets, bends, tees, elbows, where required) and laid complete in trenches inclusive of excavation and backfilling or fixed to wall, ceiling, floors etc including caps, plugs as required 20mm diameter (high quality)	LM	70.00	2100.00	147,000.00
S.P-PW-6	.....Ditto..... But 25mm diameter	LM	60.00	2200.00	132,000.00
S.P-PW-7	.....Ditto..... But 50mm diameter	LM	30.00	2600.00	78,000.00
S.P-PW-8	Supply and fix valves "pets" pattern, strong gunmetal, high pressure " full way" valves with iron wheel head screwed both ends for iron pipe, 25mm diameter.	EACH	4.00	75000.00	300,000.00
S.P-PW-9	.....Ditto.... But 50mm diameter.	EACH	2.00	65000.00	130,000.00
S.P-PW-10	S / F bib cock brass chromium plated fancy type screwed down BSP 20mm diameter.	EACH	6.00	6000.00	36,000.00
S.P-PW-11	Construction of RCC under ground water tank complete in all respect of capacity 4250 liters.	Job	1.00	650000.00	650,000.00
S.P-PW-12	Construction of soakage pit as per drawings and specifications.	Job	1.00	450000.00	450,000.00

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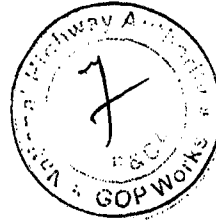
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Total Quoted Price : (In Figures) | 3,599,000.00 |

Total Quoted Price (In Words) : Three million five hundred ninety nine thousand Rupees only



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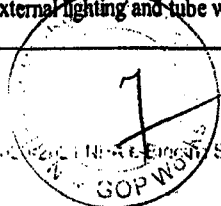
6a. 3. Ancillary Works (Toll Plaza) - 3. Electrical Works

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SP/EW-1	Supply and Installation of Transformer 100KVa Complete with all respects.	EACH	1.00	1645800.00	1,645,800.00
SP/EW-2	Supply, Installation, testing and commissioning of PVC/PVC SWA cable 4 core cable copper/ conductor 16mm ² laid in trenches with sand cushion and brick including excavation and backfilling or fixed to wall, ceiling and floors as per site requirements complete in all respects.	LM	180.00	3760.00	676,800.00
SP/EW-2a	.....ditto..... but 25mm ²	LM	126.00	5574.00	702,324.00
SP/EW-2b	.....ditto..... but 25mm ³	LM	32.00	5575.00	178,400.00
SP/EW-3	S/F earthing including boring/excavation, copper conductor etc. complete as drawings in all respect to achieve resistance not more than 2 Ohms.	EACH	1.00	65000.00	65,000.00
SP/EW-4	Supply, Installation, testing and commissioning of feedar pillar for supply of power to residence, stop over, toll plaza, external lighting and tube well installation having appropriate sizes as under earthing terminals for connecting of the incoming and outgoing cables complete in all respects as per drawings. 1 Magnetic contactor 225 Amps Schneider LC1F225 2,2 MCCB (TP) 250Amp Schneider E2C- 250N 5,3 C/T 200Amp 3, 6 ATS / AMF Relay 1, 7 timer with base OMRON H3BA-N 1, 8 Emergency Stop Switch 1, 9 Fuse Type Terminal Block 6mm 10, 10 Stopper for Terminal Block 2.5mm ONKA 20, 11 Selector Switch 3-Position FUJI AR22-PR2 2, 12 indication light RED/Green 5, 13 Cable Numbering Tagging & Drawing 1, 14 Wiring Duct Bus Bar Din rail & Crimps 1, 15 Wiring Charges 1, 16 Metal Enclosure (1000 x 800x 300mm) 1.	No	1.00	1612800.00	1,612,800.00
SP/EW-5	Supply, Installation, testing and commissioning of feedar pillar for supply of power to residence, toll plaza, external lighting and tube well installation having appropriate sizes as under earthing terminals for connecting of the incoming and outgoing cables complete in all respects as per drawings	No	1.00	1612800.00	1,612,800.00
	Supply, Installation, testing and commissioning of feedar pillar for supply of power to stop over, toll plaza, external lighting and tube well				

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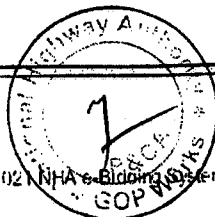
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SP-EW-6	installation having appropriate sizes as under earthing terminals for connecting of the incoming and outgoing cables complete in all respects as per drawings	EACH	1.00	1612800.00	1,612,800.00
SP-EW-7	Supply and installation of Tubular Poles 9m Long with 2 nos. of Crest LED Flood Light Model No. CR-TGA 100W-FL, LED Brand Bridgehux, Led Driver Mean Well UL Approved, Made in Pakistan Control Box with complete fittings.	No	6.00	238680.00	1,432,080.00
SP-EW-8	Supply and installation of Tubular Poles 9.5m High of complete with single arm on RCC foundation as per drawings i/e wiring of crest LED street light Model No. CR-B100W-STL, LED Brand Bridgehux, LED Driver Mean Well UL Approved) controlled by Feedar Pillar also supply and installation with all 4 core 16mm ² cables and 3 core PVC insulated cables in PVC pipe as per drawings and specifications complete in all respect	No	12.00	261450.00	3,137,400.00
SP-EW-9	Supply and installation of Tubular Poles 9.5m High of complete with double arm on RCC foundation as per drawings i/e wiring of crest LED street light Model No. CR-B100W-STL, LED Brand Bridgehux, LED Driver Mean Well UL Approved) controlled by Feedar Pillar also supply and installation with all 4 core 16mm ² cables and 3 core PVC insulated cables in PVC pipe as per drawings and specifications complete in all respect i.e earthing.	No	6.00	401100.00	2,406,600.00
SP-EW-10 Supply and fixing PVC conduit for ETM system cables, fixed as per ETM system companies required in concrete or trench, complete with all respects, excavation, bricks and backfilling as required & instructed by the engineers incharge.	(i) 50mm i/d Class B pole / Beta or Shawal	LM	30.00	1283.00	38,490.00

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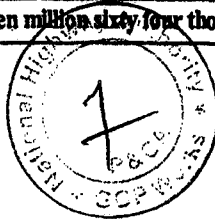
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<p>SP/EW-10 Supply and fixing PVC conduit for ETTM system cables, fixed as per ETTM system companies required in concrete or trench, complete with all respects, excavation, bricks and backfilling as required & instructed by the engineers incharge.</p>	<p>ii. 75mm I/d Class B polo / Beta or Shawal.</p>	<p>LM</p>	<p>30.00</p>	<p>1728.00</p>	<p>51,840.00</p>
<p>SP/EW-10 Supply and fixing PVC conduit for ETTM system cables, fixed as per ETTM system companies required in concrete or trench, complete with all respects, excavation, bricks and backfilling as required & instructed by the engineers incharge.</p>	<p>iii. 100mm I/d Class B polo / Beta or Shawal.</p>	<p>LM</p>	<p>270.00</p>	<p>3300.00</p>	<p>891,000.00</p>
<p>Total Quoted Price : (In Figures) 16,064,134.00</p>					
<p>Total Quoted Price (In Words) : Sixteen million sixty four thousand one hundred thirty four Rupees only</p>					



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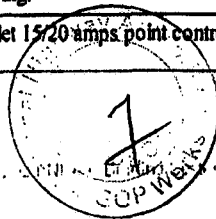
6a.4 Ancillary Works (Toll Plaza) - 4. Toll Booth

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
NSI-1	P/F of Aluminium Composite Panel on outer side of booth	SM	199.52	1800.00	359,136.00
NSI-2	P/F of 2 ply Fiber glass on inner side of toll booth	SM	199.52	1500.00	299,280.00
NSI-3	P/F of insulation Thermo pore 25 kg / cum in between ms sheet and fiber glass in toll booth	SM	175.28	800.00	140,224.00
NSI-4	P/F of False Ceiling 0.6x0.6 side of toll booth	SM	32.48	2000.00	64960.00
NSI-5	P/F of computer and cash table with Lassani (16mm) 3/4" thick	SM	10.80	2500.00	27,000.00
NSI-6	P/F of Ventilator of Aluminium Sliding shutter with grill in Toll Booth	SM	1.84	21000.00	38,640.00
NSI-7	P/F of 50mm Sqr. 16 swg Frame pipe for toll booth	M	744.48	3000.00	2,233,440.00
NSI-8	P/F of 100mm with 8.0 mm wall thickness steel pipe frame for Toll Booth protection	M	399.68	4000.00	1,598,720.00
NSI-9	P/F of Tempered Glass 5mm thick in toll booth	SM	58.96	3000.00	176,880.00
NSI-10	P/F of 10" dia Exhaust fan along with closers and fly netting	EACH	8.00	2500.00	20,000.00
NSI-12	P/F of Rawplug 12.5mm thick 150mm long for booth protection pipe	No	128.00	700.00	89,600.00
NSI-13	P/F of steel base plate 250 mm dia 16mm thick for booth protection pipe	No	32.00	3500.00	112,000.00
NSI-14	P/F of steel base plate 250x250 mm dia 16 mm thick for booth protection pipe	No	32.00	4000.00	128,000.00
NSI-16	P/F of Crest brand LED slim Panel Lights (Model: CR-882-8PL) in false ceiling (12 watts of Toll Booth as per approved drawing.)	No	16.00	2500.00	40,000.00
NSI-17	P/F of Door lock of Toll Booth as per approved drawing	No	8.00	3000.00	24,000.00
NSI-18	P/F of complete Wiring with PVC conduit in Booth for Exhaust fan, two LED Slim Lights and two sockets, A/C 1.0 ton etc. as per approved drawing	No	8.00	1200.00	9,600.00
NSI-19	P/F of Circuit breaker as per requirement, as per approved drawing.	No	24.00	3000.00	72,000.00
	P/F of one three pin socket outlet 15/20 amps point controlled				

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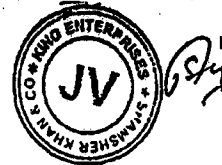
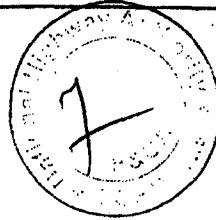
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NSI-20	by one switch wiring complete with pvc single core cable 4 sq. m in concealed pvc conduit including earth wire. Circuit breaker as per requirement. as per approved drawing	No	24.00	2000.00	48,000.00
NSI-21	P.F of Power plug along with accessories	No	8.00	2500.00	20,000.00
NSI-22	P/l of A/C 1.0 ton ACSON / Mitsubishi or Equal of MS pipe grill fixed for outdoor unit complete fitting with all safety measures and necessary welding bolts and nuts as required, rubber packing and other materials. Power plug along with accessories.	No	8.00	110000.00	880,000.00
NSI-23	P/l circuit wiring from DB to switch board, wiring with PVC single core cable 2.5 sq. mm + 1.5 mm as ECC in PVC conduit concealed as per site requirement of als. Power plug along with accessories	M	200.00	900.00	180,000.00
NSI-24	Providing of Revolving Chair as per requirement or as directed by the engineer	No	8.00	35000.00	280,000.00
Total Quoted Price : (In Figures)					6,841,480.00
Total Quoted Price (In Words) : Six million eight hundred forty one thousand four hundred eighty Rupees only					



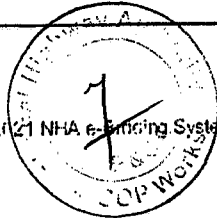
6a. 5. Ancillary Works (Toll Plaza) - 5. (Steel Works) Fabrication

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SC-1	Providing Fabricating and installing structural steel works including shop welding, field splicing, bolting, painting over exposed surfaces as required in the structural drawings and notes also including all accessories such as bolts, connecting angles, connection, plates, the rods etc complete in all respects as per drawings and specifications or as directed by the engineer. Steel Column Box Section- 15" 15" 0.5" Thick 28.72 Kg/ft	KG	63,000.00	425.00	26,775,000.00
SC-2	.....Ditto..... High Tensile anchor bolts and nuts , 25mm dia	No	89.60	1300.00	116480.00
SC-3	Supply, cutting to size and erecting 22 SWG Black Iron Powder coated sheet for false ceiling including overtape, edge elements and making openings. Also including fixings with "J" bolts , nuts and washers etc. complete in all respects as per specification and as directed by the engineer	SM	1,036.00	6000.00	6,216,000.00
SC-4	Providing and fixing specified GI corrugated sheeting 22 SWG for roof including anchor bolts. Complete in all respects as per details given in the drawings or as directed by the engineer	SM	1,036.00	5000.00	5,180,000.00
SC-5	Providing and fixing specified GI rain water pipe (ILL or equivalent approved) fixed along steel columns, including bends and other fixing etc. complete in all respects as per drawings and the specifications or as directed by the Engineer. a) 100mm dia	M	75.04	2000.00	150,080.00
SC-6	Provide, fabricate and fix G.I sheet drainage gully as per details on the structural drawings and specified or as directed by the engineer complete in all respects (750mm x 500mm)	M	56.00	2000.00	112,000.00
SC-7	Supply / installation of 3M (high intensity Grade reflecting Sheet) on 16 SWG G.I sheet with the name of Toll Plaza of appropriate readable size complete in all respects without air bubbles the rate shall inclusive of all materials steel pipe and angle frame , riveting and installation complete at site as directed by the engine	SM	84.00	8000.00	672,000.00
SC-8	Supply and install canopy Light (Crest LED Canopy Light Model No. CR-56-90W-KPL, LED Brand: CREE, LED Driver : Mean Well UL approved) electrical connections and wiring	No	22.40	25000.00	560,000.00

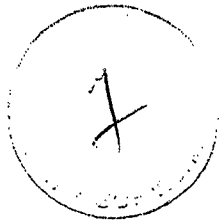
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	(Pakistan/life/new age cables) all items should be made in Pakistan.				
SC-9	Supply and install Facia illumination (Crest LED Flood Light (Model) No. CR-TGA30W-FL, LED Brand Bridgelux, Led Driver Mean Well UL Approved) on Bracket Along with pipe as per site requirement) Electrical connections and wiring (Pakistan/life/new age cables) all items should be made in Pakistan	No	22.40	60000.00	1,344,000.00
SC-10	Supply/install G.I channel hanging frame with appropriate spacing for fixing of false ceiling sheet	SM	768.00	2000.00	1,536,000.00
Providing/grouting master flow 524 (non shrinkage material) between existing foundation and base plate, having 650 x 650 mm foundation including cost of carriage labor etc	Providing/grouting master flow 524 (non shrinkage material) between existing foundation and base plate, having 650 x 650 mm foundation including cost of carriage labor etc	No	8.00	12000.00	96,000.00
SC-12	Encasing of 100mm drain pipe and 65mm dia electric pipe with the "H" column with 16 gauge G.I sheet fixed with 10mm dia nuts welded with angle iron and bolts 40mm long duly painted with enamel paint etc. complete	SM	78.40	3500.00	274,400.00
Total Quoted Price : (In Figures)					43,031,960.00
Total Quoted Price (In Words) : Forty three million thirty one thousand nine hundred sixty Rupees only					

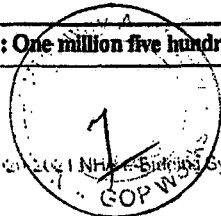


6a. 6 Ancillary Works (Toll Plaza) - 6. (Electrical Works) Steel Canopy					
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SC/E-01	Supply installation and commissioning of cu PVC insulated 3 core cables in PVC pipe including all material and accessories as shown on drawings all complete (iv) 3 core 4mm sq. (Pakistan/life/new age Cables)	LM	336.00	1036.00	348,096.00
SC/E-02	Supply installation and commissioning of cu PVC insulated 3 core cables in PVC pipe including all material and accessories as shown on drawings all complete (iv) 3 core 2.5mm sq. (Pakistan/life/new age Cables)	LM	336.00	690.00	231,840.00
SC/E-03	Supply installation testing and commissioning of cu PVC pipes including all material and accessories as shown on drawings all complete (iv) 4 core 10mm sq. (Pakistan/life/new age Cables)	LM	347.20	691.00	239915.20
SC/E-04 (Supplying and laying of following heavy duty PVC pipe buried under ground in ceiling, walls, floor & columns etc for incoming and outgoing cables at various points and also weather proof from both ends including all materials and accessories as per site requirement as shown on drawings complete in all respects).	(i) 100mm sq. Class-B polo/ beta or Shawal	LM	156.80	3300.00	517440.00
SC/E-04 (Supplying and laying of following heavy duty PVC pipe buried under ground in ceiling, walls, floor & columns etc for incoming and outgoing cables at various points and also weather proof from both ends including all materials and accessories as per site requirement as shown on drawings complete in all respects).	(i) 50mm sq. Class-B polo/ beta or Shawal	LM	134.40	1283.00	172,435.20
Total Quoted Price : (In Figures)					1,509,726.40
Total Quoted Price (In Words) : One million five hundred nine thousand seven hundred twenty six Rupees					

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6a. 7 Ancillary Works (Toll Plaza) - 7. Civil Works (Office And Accommodation Building)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
107a	Excavate as in common soil upto 1.5 meter depth in foundations and pipe trenches and throw earth clear of edges of excavation with in 10 meter	CM	141.00	390.00	54,990.00
108c	Making embankment as in hard soil, filling in foundations, pipe trenches under floors or around buildings etc 1.5 meter below or above ground level spoil obtained from excavation in foundations over areas with in 10 meter including watering and compaction in 150mm layers and dressing to required profiles and shapes	CM	364.00	1200.00	436,800.00
401f	Providing and laying of lean concrete as in foundation using crushed or broken stone graded as specified (Lean concrete)	CM	23.00	10500.00	241,500.00
401a1	Providing and laying of reinforced cement concrete class "A" using crushed stone in foundations, independent column footings, roof slab, walls landings, plinth beams and bends etc, as specified requiring shuttering (reinforcement measured and paid separately)	CM	121.00	15000.00	1,815,000.00
404a	Supply and fix round deformed bars grade 40 (as per AASHTO M31) including cutting, bending, binding and placing reinforcement in position as specified	TON	1.21	368000.00	445,280.00
404b	Supply and fix round deformed bars grade 60 (as per AASHTO M31) including cutting, bending, binding and placing reinforcement in position as specified	TON	10.93	368000.00	4,022,240.00
401f	Providing and laying 75mm thick PCC 1:4:8 laid under floors using crush stone all as specified (Lean concrete)	CM	21.00	10500.00	220,500.00
401b	Providing laying cement concrete 1:2:4 using crushed stone laid in floor slabs as under layer of terrazo/tiles etc as specified (Concrete Class B)	CM	21.00	14000.00	294,000.00
410	Burnt brickwork in wall over 115mm thick laid And jointed in cement mortar 1:4 staright or to curve with inner radius of 1.5m.	CM	315.00	13000.00	4,095,000.00
S-P 1	Providing and laying of sand cushion under floors all as per drawings & specifications.	CM	29.00	1400.00	40,600.00
S-P 2	Providing and laying of brick ballast under floors all as per drawing & specifications	CM	21.00	18000.00	378,000.00
S-P 3	Termite proofing to all building area with approved chemical all as specified.	SM	560.00	110.00	61,600.00
S-P 4	50mm thick DPC of PCC (1:2:4) using 3mm aggregate and finished smooth with steel float covered with two coats of hot bitumen @0.75 kg per sqm and double layer of polythene sheet as required	SM	42.00	900.00	37,800.00

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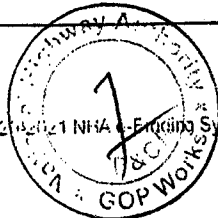
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S-P 5	75mm thick PCC (1:2:4) screeding with XPM weigh n.exc 4.5kg/Sqm over 50mm thick thermopore sheet, two layers polythene sheet and two coats water proofing compound using bitumen 10-20 applied hot @4.9 kg/ 10 Sqm per coat including pee gravels and cleaning the surface before applying bitumen as specified complete with all respects	SM	371.00	6500.00	2,411,500.00
S-P 6	Supply and fix kitchen floor sink cabinet with or without drawers including all necessary chromium plated mongry, fitting/fixtures and deodar wood edging provided to doors and drawer of cabinet and 20mm thick prepolished marble slab fix on top of cabinet as specified all as per drawing	M	6.00	10500.00	63,000.00
S-P 7	Supply and fix kitchen wall cabinet including all necessary chromium plated mongry, fitting/fixtures and deodar wood edging provided to doors of cabinet as specified all as per drawings	M	6.00	12000.00	72,000.00
S-P 8	Supply and fix kitchen exhaust hood and duct of 20mm thick lamination board with 26 gauge GI sheet lining inside including fitting/fixtures as specified all as per drawings	M	1.00	21000.00	21,000.00
S-P 9	Wooden flush doors covered with fibre glass and steel frame, imported lock, brass mongry and architrave where shown, including 3 coats synthetic enamel paint etc all as per drawing.	SM	38.00	8000.00	304,000.00
S-P 10	Supply and fix aluminium premium model bronze colour sliding windows including fly/insect proofing 5mm tinted imported glass etc all as per drawings	SM	44.00	22000.00	968,000.00
S-P 11	Supply and fix aluminium door powder coated with 5mm frosted glass of washroom areas all as per drawing	SM	2.00	22000.00	44,000.00
S-P 12	Supply and fix cast iron work weight n.exc 6 kg in grating, mahole covers all as per drawings and specifications	KG	15.00	650.00	9,750.00
S-P 13	Supply and fix MS 16 gauge square pipe railing & grills with painting complete all as per drawings and specifications	SM	43.00	5500.00	236,500.00
S-P 14	Supply and fix steel grill & (stair hand rail) with painting complete all as per drawings & specifications	SM	6.00	4500.00	27,000.00
S-P 15	Providing and laying 300mmx300mmx20mm thick Marble tiles in floors setting and jointing in CM (1:2) including cutting, rubbing and polishing all as per drawings & specifications	SM	286.00	6500.00	1,859,000.00
S-P 16	Providing and laying 12mm thick boticina cream marble set in CM (1:2) as in skirting including cutting, rubbing, and polishing all as per drawigs and specifications	SM	20.00	6500.00	130,000.00
S-P 17	.....Ditto..... but venity top slabs if granite marble including cutting bowl etc all as per drawings & specifications	SM	2.00	7000.00	14,000.00
S-P 18	Supply and fix 200mmx200mm ceramic mat tiles set in CM(1:2) including joints fitted with white cement all as per	SM	142.00	7000.00	994,000.00

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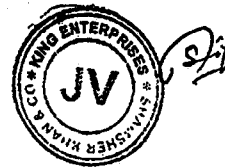
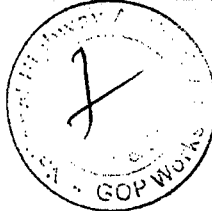


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drawing.					
S-P 19	Providing and fixing 20mm laminated win board wardrobe with wooden frame and lamination win board drawers including brass many fittings all as per drawings	EACTI	24.00	50000.00	1,200,000.00
S-P 20	13mm thick cement plaster (1:4) finished smooth as specified	SM	2,715.00	1800.00	4,887,000.00
S-P 21	13mm thick cement plaster (1:4) with 3% puddle finished smooth as specified	SM	16.00	1900.00	30,400.00
S-P 22	Apply 3 coats plastic emulsion paint as specified	SM	2,155.00	450.00	969,750.00
S-P 23	Apply graphite coating external face of walls	SM	560.00	900.00	504,000.00
S-P 24	24 gauge CGI rolling shutter with frame and other accessories all as per drawings	SM	9.00	12000.00	108,000.00
Total Quoted Price : (In Figures)					26,996,210.00
Total Quoted Price (In Words) : Twenty six million nine hundred ninety six thousand two hundred ten Rupees only					



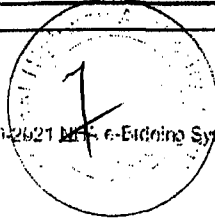
6a. 8 Ancillary Works (Toll Plaza) - 8. Plumbing Works (Office And Accommodation Building)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SP-WS-1	Supply and fix tubes water quality (G.I) with all fitting (i.e sockets, bends, tees, elbows etc.) and laid complete in trenches (exclusive of excavation) or fixed to walls, ceilings, floors etc including caps, plugs as required 15mm diameter (light quality)	M	62.00	450.00	27,900.00
SP-WS-2	Ditto..... But 20mm diameter	M	46.00	500.00	23,000.00
SP-WS-3	Ditto..... But 25mm diameter	M	80.00	600.00	48,000.00
Ditto..... But 32mm diameter	SP-WS-4	M	15.00	800.00	12,000.00
SP-WS-5	Ditto..... But 50mm diameter	M	25.00	1300.00	32,500.00
SP-WS-6	Supply and fix valves "peets" pattern, strong gunmetal, high pressure, "full-way" valves with iron wheel head screwed both ends for iron pipe, 20 mm diameter	EACH	5.00	2500.00	12,500.00
SP-WS-7	Ditto..... But 25mm diameter	EACH	4.00	3000.00	12,000.00
SP-WS-8	Ditto..... But 40mm diameter	EACH	2.00	4000.00	8,000.00
SP-WS-9	Ditto..... But 60mm diameter	EACH	1.00	8000.00	8,000.00
SP-WS-10	S/F bib cock brass chromium plated fancy type screwed down BSP 15mm diameter	EACH	14.00	5000.00	70,000.00
SP-WS-11	S/F 15mm Tee stop cock brass chromium plated screw down high pressure fancy type	EACH	30.00	3000.00	90,000.00
SP-WS-12	S/F 15mm stop cock brass chromium plated screw down high pressure fancy type	EACH	24.00	2500.00	60,000.00
SP-WS-13	S/F adjustable CP shower fancy type	EACH	7.00	2500.00	17,500.00
SP-WS-14	S/F Electric gysar of capacity 45 lr.	EACH	3.00	75000.00	225,000.00
SP-WS-15	Supply and fix water closet apparatus European pattern complete comprising closet, 13 lr cistern flushing, seat cover etc (coupled set) in white / light colour any size or make fixed to concrete	EACH	7.00	35000.00	245,000.00
SP-WS-16	Supply and fix sink scullery of stainless steel with single drainage board complete shallow or deep pattern upto 6000 centimeter square, super, fixed to brick work or wood (Pak made)	EACH	1.00	20000.00	20,000.00
SP-WS-17	Supply and fix ventry in white/light colour with one hole, coupling chain & plug and bottle trap best quality (imported) fixed to brick or concrete work	EACH	6.00	45000.00	270,000.00

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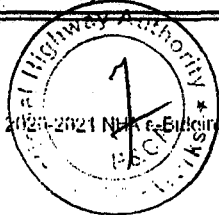
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SP-WS-18	Supply and fixed urinals blazed ware complete with flush tank.	EACH	7.00	5000.00	35,000.00
SP-WS-19	Supply and fix mirror any shape and pattern 5mm thick of sizes. foreign made edged ground complete fixed to brick or concrete work	SM	6.00	3000.00	18,000.00
SP-WS-20	Supply and fix 100mm dia CI floor trap including reducer etc complete	EACH	18.00	2500.00	45,000.00
SP-WS-21	Supply and fix casted grating chromium plated 150mm x 150mm	EACH	16.00	1800.00	28,800.00
SP-WS-22	Supply and fix 50mm bore cast iron soil waste and vent pipes and fitting as specified (Spun pipe)	M	50.00	3500.00	175,000.00
SP-WS-23	.....Ditto.... But 75mm bore	M	40.00	4000.00	160,000.00
SP-WS-24	.....Ditto.... But 100mm bore	M	65.00	5000.00	325,000.00
SP-WS-25	Supply and fix 50mm bore CI bends tapers, double socket and ovel pattern accessories complete	EACH	22.00	2500.00	55,000.00
SP-WS-26	.....Ditto.... But 75mm bore	EACH	22.00	3000.00	66,000.00
SP-WS-27	.....Ditto.... But 100mm bore	EACH	27.00	3500.00	94,500.00
SP-WS-28	Supply and fix 50mm bore CI tee branch pieces single equal or unequal arms etc complete	EACH	3.00	5000.00	15,000.00
SP-WS-29	.....Ditto.... But 75mm bore	EACH	3.00	6000.00	18,000.00
SP-WS-30	.....Ditto.... But 100mm bore	EACH	5.00	7000.00	35,000.00
SP-WS-31	Supply and fix 50mm bore CI cowls for vent pipes	EACH	5.00	2000.00	10,000.00
SP-WS-32	Supply and fix reinforced cement concrete pipe 100mm bore , laid and jointed with spigot socket or collars as specified	M	15.00	2000.00	30,000.00
SP-WS-33	.....Ditto.... But 150mm bore	M	20.00	2500.00	50,000.00
SP-WS-34	Supply and fix glazed ware gully trap embedding in PCC (1:2:4) concrete 150mm all around and at bottom of gully trap all as specified	EACH	4.00	6000.00	24,000.00
SP-WS-35	Construction man holes rectangular exceeding 600mm deep from invert to surface of cover, including main channel set in CM (1:1) 230 mm thick brick walls complete with man hole covers	EACH	2.00	18000.00	36,000.00
SP-WS-36	Construction of septic tank for 24Men all as per drawins and Specifications	EACH	1.00	550000.00	550,000.00
SP-WS-37	Supply and fix CP Mixer 15mm dia best quality for vanities and sink etc	EACH	4.00	2500.00	10,000.00
SP-WS-38	Providing and laying 100mm dia wire ballon grating over rain water pipes	EACH	6.00	8000.00	48,000.00
Total Quoted Price : (In Figures)					3,009,700.00
Total Quoted Price (In Words) : Three million nine thousand seven hundred Rupees only					

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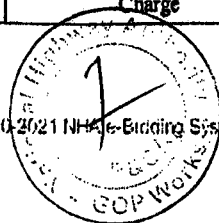
6a. 9 Ancillary Works (Foll Plaza) - 9. Electrical Works (Office And Accommodation Building)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SP-EW-1	S/F Circuit wiring from DB to switch board, wiring with PVC single core cable 2.5 Sq. mm + 1.5 Sq. mm as ECC in PVC conduit concealed as per site requirement	Point	13.00	14442.00	187,746.00
SP-EW-2	S/F of one fan point, one light point, one bell point controlled by one switch, wiring complete with PVC single core cable 1.5 mm ² in concealed PVC conduit	Point	160.00	2926.00	468,160.00
SP-EW-3	S/F of one three pin socket outlet 5 Amps point controlled by one switch wiring complete with PVC single core cable 1.5 mm in concealed PVC conduit including earthwire.	Point	18.00	8836.00	159,048.00
SP-EW-4	S/F of one three pin socket outlet 15/20 Amps point controlled by one switch wiring complete with PVC single core cable 4 Sq.mm in concealed PVC conduit including earth wire	Point	19.00	15224.00	289,256.00
SP-EW-5	S/F bracket wall with globe white glass opal 150mm dia complete with gallery and lamps holder BC	EACH	30.00	12000.00	360,000.00
SP-EW-6	S/F Philips patty fitting complete with 1x40 W tube lamp starter and holders	EACH	32.00	2854.00	91,328.00
SP-EW-7	S/F Ceiling mounted Philips light complete with flourecent tube, choke, starter and capacitor TCS 4 x 20W	EACH	6.00	45000.00	270,000.00
SP-EW-8	S/F SPOT LIGHTs philips made with holder/ reflector complete	EACH	1.00	2500.00	2,500.00
SP-EW-9	S/F ceiling lights fancy type as approved by Engineer in Charge	EACH	3.00	3500.00	10,500.00

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SP-EW-10	S/F schandler single bulb fancy type as approved by engineer in charge	EACH	3.00	15000.00	45,000.00
SP-EW-11	S/F bulb head fitting cast iron with guard tapped 20mm E.T. according to BSS No. 229 of 1957	EACH	25.00	9000.00	225,000.00
SP-EW-12	S/F switch SP 5 amps piano type mounted in cast or malleable iron galvanized conduit box with bakelite plate	EACH	150.00	2405.00	360,750.00
SP-EW-14	.....ditto..... but 20 Amps.	EACH	20.00	3055.00	61,100.00
SP-EW-13	S/F switch socket outlet 3 pin 5 Amps bakelite shuttered pattern complete	EACH	27.00	2912.00	78,624.00
SP-EW-15	S/F earthing including boring/excavation, copper rod 25mm, 3000 mm long and copper conductor etc. complete in all respects to achieve resistance not more than 5 Ohms.	EACH	1.00	65000.00	65,000.00
SP-EW-16	S/F clamp hooked for fan concealed	EACH	27.00	500.00	13,500.00
SP-EW-17	S/F fan electric with regulator blades, canopy and rod including connections, provision of cables and fan of 140 CM sweep of approved make	EACH	25.00	14483.00	362,075.00
SP-EW-18	S/F exhaust fan 250mm capacity with shutter/grill plastic body single action (Pak fan)	EACH	7.00	7528.00	52,696.00
SP-EW-19	S/F fan electric AC exhaust 30 CM 220/230 volts S.P. complete with shutter	EACH	5.00	11558.00	57,790.00
SP-EW-20	S/F wall bracket fan fancy plastic body 450mm Pak fan	EACH	3.00	11304.00	33,912.00
SP-EW-21	S/F PVC conduit 40mm dia complete with all bands, tees, boxes, saddles, etc for concealed wiring	M	17.00	533.00	9,061.00
SP-EW-22	S/F of board distribution MS sheet steel 16 BG thick with hinged cover and locking	INCOMING (MCCB TP 500/660 volts 50 cycle complete with thermal &			

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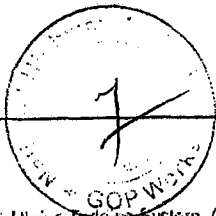
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41

arrangmenting duly painted inside/outside with suitable size of busbar for connecting incoming and outgoing MCCB consisting of following:-	magnetic trip 60 Amps (Breaking capacity 7.5 KA) OUTGOING (1. MCB SP 220V 10A to 20A = 33 Nos).	Set	1.00	169392.00	169.392.00
Total Quoted Price : (In Figures)					3,372,438.00
Total Quoted Price (In Words) : Three million three hundred seventy two thousand four hundred thirty eight Rupees only					



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
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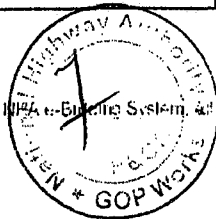
6a. 10 Ancillary Works (Toll Plaza) - 10. Electrical Works (Generator Room)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
G-EW-1	S/F circuit wiring from DB to switch board, wiring with PVC single core cable 2.5 Sq.mm + 1.5 Sq.mm ECC in PVC conduit concealed as per site requirement	Point	1.00	14442.00	14,442.00
G-EW-2	S/F of one fan point, one light point, one bell point controlled by one switch, wiring complete with PVC single core cable 1.5mm ² in concealed PVC conduit	Point	10.00	2926.00	29,260.00
G-EW-3	S/F of one three pin socket outlet 5 Amps point controlled by one switch wiring complete with PVC single core cable 1.5mm in concealed with PVC conduit including earth wire.	Point	2.00	8836.00	17,672.00
G-EW-4	S/F of one three pin socket outlet 15/20 Amps point controlled by one switch wiring complete with PVC single core cable 4 Sq.mm in concealed PVC conduit including earth wire	Point	1.00	15224.00	15,224.00
G-EW-5	S/F bracket wall with globe white glass opal 150 mm dia complete with gallery and lamp holder BC	EACH	1.00	12000.00	12,000.00
G-EW-6	S/F Philips patty fitting complete with 1x40 W tube lamp starter and holders.	EACH	1.00	8000.00	8,000.00
G-EW-7	S/F bulb head fitting cast iron with guard tapped 20mm E.T. according to BSS No. 229 of 1957	EACH	4.00	12000.00	48,000.00
G-EW-8	S/F switch SP 5 amps piano type mounted in cast or malleable iron galvanized conduit box bakelite plate	EACH	9.00	2400.00	21,600.00
G-EW-9	S/F switch SP socket outlet 3 pin 5 Amps bakelite shuttered pattern complete	EACH	2.00	2912.00	5,824.00
G-EW-10	.....ditto..... But 20 Amps	EACH	1.00	3055.00	3,055.00
G-EW-11	S/F earthing including boring/excavation, copper rod 25mm Ø, 3000 mm long and copper conductor etc. complete in all respects to achieve resistance not	EACH	1.00	65000.00	65,000.00

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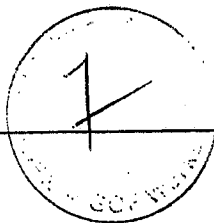
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	more than 5 Ohms.				
G-EW-12	S/F clamp hook for fan concealed	EACH	1.00	500.00	500.00
G-EW-13	S/F fan electric with regulator blades, canopy and rod incl. connections, provision of cables of fan 140 CM sweep of approved make	EACH	1.00	14500.00	14,500.00
G-EW-14	S/F fan electric AC exhaust 45 CM 220/230 volts S.P complete with shutter	EACH	2.00	11305.00	22,610.00
G-EW-15 (S/F of board distribution MS sheet steel 16 BG thick with hinged cover and locking arrangement duly painted inside/ouside with suitable size of busbar fro connecting incoming and outgoing MCCB consisting of following:-)	INCOMING (1. MCB SP 220 volts 50 cycle complete 30 ampsd 1 No.) OUTGOING 1. MCB SP 220 V 10 A to 20 A = 4 No.s) STANDBY POWER GENERATION	Set	1.00	38345.00	38,345.00
G-EW-16	Supply, installation, testing and commissioning diesel engine power, Caterpillar Made or equivalent, 100 KVA capacity 0.8 PF, 3 phase, 4 wire, 220/415 V, 50 Hz including AMF/ATS panel, making foundation and all other arrangements to make the set functional having deisel tank capacity of atleast 8 hours.	No	1.00	7500000.00	7,500,000.00
Total Quoted Price : (In Figures)					7,816,032.00
Total Quoted Price (In Words) : Seven million eight hundred sixteen thousand thirty two Rupees only					



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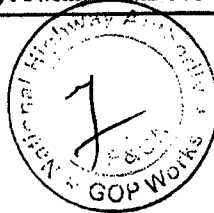
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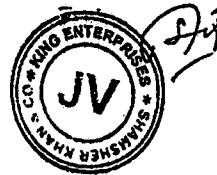
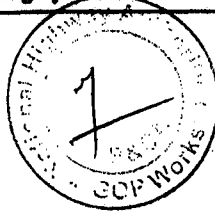
6a. 11 Ancillary Works (Toll Plaza) - 11. Weigh Station & Allied Works

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
11.1	Installation of SSWIM equipment including vault construction loop sensor installation ,necessary conduiting for power and communication cables, scale hardware at location shown in drawings including foundations. Complete in all respect as per the direction of the Engineer In Charge at site.	No	2.00	7300000.00	14,600,000.00
11.2	Construction of Weigh station building having 1 x living room .1 x Admin room , Washroom & Kitchen & control room including complete furnishing. Complete in all respect as per drawings.	No	2.00	4200000.00	8,400,000.00
11.3	Construction of manholes / junction boxes for drainage and cabling from weigh scale to scale house / control room.	No	12.00	300000.00	3,600,000.00
Total Quoted Price : (In Figures)					26,600,000.00
Total Quoted Price (In Words) : Twenty six million six hundred thousand Rupees only					



45

7 - General Items					
Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
SP-701a	Provide Surveying & allied instruments	PS	-	-	3000000.00
SP-701b	Maintain Survey Instruments, provide vehicle, Survey team & Helpers.	Month	18.00	150000.00	2,700,000.00
SP-702a	Provide the Employer's and Engineer's Representative's Office & Residence (on Rental Basis)	PS	-	-	5000000.00
SP-702b	Furnish and Equip. Employer's & Engineer's Representative office & Residence.	PS	-	-	5000000.00
SP-702c	Maintain Employer's and Engineer's Representative office and Residence.	Month	18.00	500000.00	9,000,000.00
SP-703a	Provide Material Testing Project Laboratory (1 No Main & 1 No Site on Rental Basis)	PS	-	-	3000000.00
SP-703b	Equip & Furnish Material Testing Project Laboratory.	PS	-	-	6000000.00
SP-703c	Maintain Material Testing Project Laboratory 1 Nos including 6 No Helpers	Month	18.00	1500000.00	27,000,000.00
SP-708a	Provide Employer's Representative's Transport (1 Nos)	PS	-	-	6000000.00
SP-708 b (i)	Provide Engineer's Representative Transport (Toyota Double Cabin with A/C (4x4)	EACH	1.00	10200000.00	10,200,000.00
SP-708 b (ii)	Provide Engineer's Representative Transport (Toyota Single Cabin with A/C (4x2)	EACH	1.00	7000000.00	7,000,000.00
SP-708c	Running & Maintenance of Employer's & Engineer's Representative's Transport	Veh Month	36.00	150000.00	5,400,000.00
SP-715	Employing Trainee Engineer's with Boarding, Lodging and messing	Man Month	2.00	120000.00	240,000.00
Total Quoted Price : (In Figures)					89,540,000.00
Total Quoted Price (In Words) : Eighty nine million five hundred forty thousand Rupees only					



8 (a) - Electrical Works (Road Lighting Network Based on LED Road Lighting Fixtures)
Design, supply, transportation, storage, installation, testing and commissioning of the following items of work, including all material, labour, tools and accessories etc. required for proper completion of each item as per specification, drawings and/or as directed by the Engineer.

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
801(a)	10 m high single bent arm conical octagonal galvanized steel pole with extension arm luminaire arrangement, base plate, J-rag bolts, pole numbering and earthing etc. as shown on drawing	EACH	10.00	108000.00	1,080,000.00
801(b)	10 m high double bent arm conical octagonal galvanized steel pole with extension arm luminaire arrangement, base plate, J-rag bolts, pole numbering and earthing etc. as shown on drawing.	EACH	20.00	116100.00	2,322,000.00
801(c)	12 m high single bent arm conical octagonal galvanized steel pole with extension arm luminaire arrangement, base plate, J-rag bolts, pole numbering and earthing etc. as shown on drawing	EACH	18.00	162000.00	2,916,000.00
801(d)	12 m high double bent arm conical octagonal galvanized steel pole with extension arm luminaire arrangement, base plate, J-rag bolts, pole numbering and earthing etc. as shown on drawing.	EACH	26.00	172800.00	4,492,800.00
801(e)	Road Lighting Pole Foundation	EACH	74.00	20250.00	1,498,500.00
802(a) (Road Lights)	Road Lighting LED Luminaries 120W make Philips, GE or equivalent suitable for M-2 & M-3 roads of wattage suitable for the project requirements, fully IP 66 with corrosion resistant die cast aluminum housing, silicon gas kit, thermally hardened glass complete with LED drivers, surge protection and all accessories/ components required for the proper operation of the system. The luminaries shall be fully flexible for future upgrades and easy replacements for maintenance purposes. Contractor to submit lighting design calculation to determine the adequacy of the wattage and should adjust the number of LEDs/wattage as per project lighting requirements.	No	120.00	87750.00	10,530,000.00
803(a) Conduits / Pipes	PVC pipe/conduit Class-D 100 mm dia with accessories suitable for laying multi-core cables on road crossings.	M	150.00	4590.00	688,500.00
803(b) Conduits / Pipes	PVC pipe/conduit Class-B 100 mm dia with accessories suitable for laying multi-core cables from pole to pole and in walls/structure.	M	2,650.00	1012.50	2,683,125.00
804(a) (Low	4 Core 16mm ² Cu/PVC/PVC 600/1000 Voltage grade				

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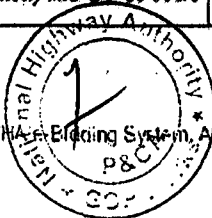


47



Voltage Power Cables)	Unarmored Cable (Imported copper shall be used. Verified documentary evidence for source of copper & PVC shall be furnished prior to manufacturing)	M	2,950.00	540.00	1,593,000.00
804 (b) (Low Voltage Power Cables)	1 Core 16mm ² Cu/PVC 450/750 Voltage grade Unarmored Cable (Imported copper shall be used. Verified documentary evidence for source of copper & PVC shall be furnished prior to manufacturing)	M	3,000.00	1012.50	3,037,500.00
804 (c) (Low Voltage Power Cables)	1 Core 25 mm ² Cu/PVC 450/750 Voltage grade earth cable including all fixing accessories as required for earthing of lighting control panels.	M	40.00	540.00	21,600.00
804 (d) (Low Voltage Power Cables)	4 Core 25mm ² Cu. PVC/PVC 600/1000 Voltage grade Unarmored Cable (Transformer to LCP) (Imported copper shall be used. Verified documentary evidence for source of copper & PVC shall be furnished prior to manufacturing)	M	50.00	7290.00	364,500.00
804(e) (Low Voltage power Cables) (i). For 10m Pole	3 Nos. 1 core 2.5 mm ² Cu/PVC 450/750 Voltage grade cable (stranded conductor) (Imported copper shall be used. Verified documentary evidence for source of copper & PVC shall be furnished prior to manufacturing) from junction box to the fitting through the hollow of pole	No	50.00	162.00	8,100.00
804(e) (Low Voltage Power Cables) (ii) For 12m Pole	3 Nos. 1 core 2.5 mm ² Cu/PVC 450/750 Voltage grade cable (stranded conductor) (Imported copper shall be used. Verified documentary evidence for source of copper & PVC shall be furnished prior to manufacturing) from junction box to the fitting through the hollow of pole	No	70.00	162.00	11,340.00
805 (Low Voltage Power Cables)	Road lighting control panel with angle iron frame clad 14 SWG, sheet steel enclosure having high quality powder coated paint, color RAL 7032. The LCP shall be complete with incoming and outgoing MCCBs, Cu bus bars, magnetic contactors, photo-electric switches, meters, indication lights, construction with IP 54 protection class, door, locking arrangement etc. and all other accessories as required for quality work. MATERIAL 1 No. incoming 63 Amp. (adj.) TP, MCCB, 25 kA 4 No. outgoing 20 Amp. (adj.) TP MCCBs, 18 kA Spare 2 No. outgoing 20 Amp. (adj.) TP MCCBs, 32 Amp. magnetic contactor 3 No. photo-electric switches with timers and relays a) 1 No. ammeters 0-100 Amp, with selector switch (04 position) and CT of 100/5	Job	1.00	195750.00	195,750.00

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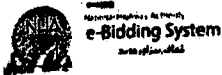


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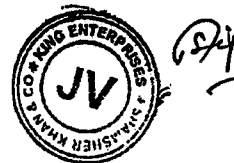


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	Amp b) 3 No. indication lights c) 1 No. voltmeter with fuse and 7 position selector switch. d) 3 Ph. N & Earth copper bus bars Internal wiring & line-up terminals etc. Brass cable glands/accessories e) 06 Nos. Auto-Manual-OFF (3 position switches for operation in auto (with photocell) and normal (manual mode-photocell override) f) 06 Nos.ON & 06 Nos. OFF push button switch's with indication lights g) Panel Light with limit Switch				
806	Earth point comprising of 10 ft. 5/8" dia. (16 mm dia) copper coated M.S. rods driven in ground near each lighting control panel. The earthing rods shall be completed with fixing clamps etc.	EACH	4.00	64800.00	259,200.00
807	As per WAPDA Specs. Supply of 25 kVA, 11/0.415 kV pole mounted transformer and all accessories, Installation and Connection Charges with energy meter as per WAPDA standards and practice.	Job	1.00	2970000.00	2,970,000.00
Total Quoted Price : (In Figures)					34,671,915.00
Total Quoted Price (In Words) : Thirty four million six hundred seventy one thousand nine hundred fifteen Rupees only					



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Electrical Works and BE Annexed Period 20/0 (MIP) (Item) Wiring And Accessories

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
10(a-ii)/24, 3(iii)/24, 14(i)/24, 32(i)/24	Wiring of light or fan point from switch board/dimmer to the point with 3x3/0.91 mm (3/0.036") (P+N+E) PVC insulated single core stranded cables in 25 mm PVC conduit/pipe concealed in walls, columns and slabs including accessories, PVC box, 10 Amp. gang switch 1 or 2 way as required, one for each light or fan and installed as in specifications complete in all respects	EACH	12.00	12150.00	145,800.00
10(a-iii)/24, 3(ii)/24	Circuit wiring from DB MCBs to gang switches board and from switch board to switch board with 3x7/0.74 mm (7/0.029") (P+N+E) PVC insulated single core stranded cables in 25mm PVC pipe/conduit concealed in walls, columns and slabs as required complete in all respects.	EACH	6.00	16200.00	97,200.00
10(a-iv)/24, 14(ii)/24, 36(i)/24, 3(ii)/24	10/13 Amp 3 pin universal flush mounting switch socket outlet wired from DB MCBs to first outlet with 3x7/0.74 mm (7/0.036") (P+N+E) single core cable stranded (away from switch board) in 25mm PVC pipe/conduit concealed in walls, columns and slabs as required complete in all respects.	EACH	6.00	16200.00	97,200.00
10(a-v)/24, 3(iii)/24, 36(ii)/24, 14(iii)/24	20 Amp 3 pin universal flush mounting switch socket outlet wired from DB MCBs to independent socket outlet with 3x7/1.12 mm 7/0.044" (P+N+E) single core stranded cable (away from switchboard) in 25mm PVC pipe/conduit concealed in walls, columns and slabs as required complete in all respects.	EACH	6.00	16200.00	97,200.00
Total Quoted Price : (In Figures)					437,400.00
Total Quoted Price (In Words) : Four hundred thirty seven thousand four hundred Rupees only					



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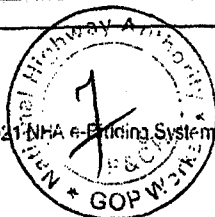
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8c - Electrical Works 2nd Bi Annual Period 2020 (NON MRS Items)

Item No.	Description	Unit	Quantity	Quoted Rate (Rs)	Total Quoted Amount (Rs)
1.1	Design, supply, transportation, storage, installation, testing and commissioning of the following items of work (unless specifically stated otherwise) including all material, labour, tools, accessories, etc. required for proper completion of each item as per specification and drawings and as directed by the Engineer LIGHTING FITTINGS Following LED Luminaries of suitable wattage make Philips, GE, Pierlite or approved equivalent suitable for the project requirements. Contractor to submit lighting design calculation to determine the adequacy of the wattage and should adjust the number of LEDs/wattage as per project lighting requirements. The fitting shall be approved by the Engineer. (Applicable to the All items of Bill No 8c i.e. 1.1, 1.2 & 2.0)	EACH	6.00	10800.00	64,800.00
1.2	Wall bracket fan 24" sweep make (Royal, Pak, GFC or approved equivalent) capacitor type complete with all required accessories etc	EACH	6.00	12150.00	72,900.00
2.1 (D.Bs with TP incoming miniature circuit breaker and SP miniature circuit breakers as shown in single line diagrams.)	(a) DB-Pump Room - 01 No. Incoming 32 Amp MCB TP, RC= 10kA - 03 No. Outgoing 10 Amp MCB SP, RC= 10 kA - 01 No. Outgoing 20 Amp MCB SP, RC=10 kA - 01 No. (spare) 10/ 20 Amp MCB SP, RC= 10 kA - 01 No. (space) 10/ 20 Amp MCB SP, RC= 10 kA - Indication lights, ammeter with selector switch voltmeter with selector switch, Panel box SWG 16 powder coated RAL colour 7032, IP class 44 and with all accessories.	EACH	1.00	90450.00	90,450.00

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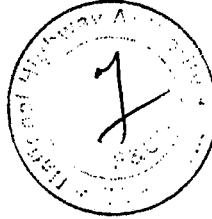


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Total Quoted Price : (In Figures) | 228,150.00

Total Quoted Price (In Words) : Two hundred twenty eight thousand one hundred fifty Rupees only



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