



# NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section  
28 Mauve Area, G-9/I, Islamabad ☎ 051-9032727, 051-9260419

Ref: 2(532-03)/GM (P&CA)/NHA/22/646

31 October, 2022

**Director (MIS)**

National Highway Authority  
Islamabad.

**Subject:** CONTRACT AWARD PROFORMA -I & II:  
CONSTRUCTION OF HOSHAB- AWARAN-KHUZDAR SECTION OF  
M-8 PROJECT SECTION-II AWARAN -NALL (168 KM)  
PACKAGE-2C: KM 260+000 TO KM: 314+000

**Ref:** - PPRA Rule-47 as per PPRA Rules 2004.

Kindly find enclosed herewith following documents pertaining to the award of subject works, as per PPRA Rule-47, for uploading on NHA and PPRA websites.

- a. Contract Award Proforma-I &II duly filled and signed.
- b. Bid Evaluation Proforma
- c. Letter of Acceptnat
- d. Contract Agreement
- e. Priced Bill of Quantities (BOQ)

**(SAMI UR REHMAN)**  
Gneral Manager (P&CA)

**Encl:** As above

**Copy for Kind information to:**

- Member (Planning), NHA, Islamabad
- Director General (PPRA),  
(1<sup>st</sup> Floor, Federal Bank for Cooperatives, Ataturk Avenue, Sector G-5/2, Islamabad).
- Director (P&CA), Works-III, NHA, Islamabad
- 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

▶ NAME OF THE ORGANIZATION/DEPTT	<b>National Highway Authority</b>				
▶ FEDERAL/PROVINCIAL GOVT/OTHERS	Federal Govt (Autonomous Body)				
▶ TITLE OF CONTRACT	CONSTRUCTION OF HOSHAB - AWARAN - KHUZDAR SECTION OF M-8 PROJECT; SECTION-02: AWARAN - NAAL (168 KM), PACKAGE-2C: KM: 260+000 TO KM: 314+000.				
▶ TENDER NUMBER	2(532-03)				
▶ BRIEF DESCRIPTION OF THE CONTRACT	CONSTRUCTION OF HOSHAB - AWARAN - KHUZDAR SECTION OF M-8 PROJECT; SECTION-02: AWARAN - NAAL (168 KM), PACKAGE-2C: KM: 260+000 TO KM: 314+000.				
▶ TENDER VALUE	Rs. 7,204,867,323.00				
▶ ENGINEER'S ESTIMATE (for civil works only)	Rs. 7,204,867,323.00				
▶ ESTIMATED COMPLETION PERIOD (AS PER CONTRACT)	1095 days from Engineer's notice to commence				
▶ WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?	INCLUDED IN PSDP (2021-22)				
	<table border="1"> <tr> <td>Yes</td> <td align="center">x</td> <td>No</td> <td align="center">√</td> </tr> </table>	Yes	x	No	√
Yes	x	No	√		
▶ ADVERTISEMENT					
(i) PPRA Website (Federal Agencies)	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">x</td> </tr> </table>	Yes	√	No	x
Yes	√	No	x		
(If yes, give PPRA tender number and date)	PPRA Ref No. TS455209E. August 07, 2021				
(ii) News Papers	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">x</td> </tr> </table>	Yes	√	No	x
Yes	√	No	x		
(If yes, give names of newspapers and date)	Roznama JANG, Roznama JANG (Urdu Newspaper) and The DAWN (English Newspaper) on July 07, 2021, PID(1) 116/21				
▶ TENDER OPENED ON (Date and Time)	Technical bids opened on August 31, 2021 at 1100 Hrs Financial Bids opened on March 28, 2022 at 1100 Hrs				
▶ NATURE OF PURCHASE	Procurement of works				
▶ EXTENSION IN DUE DATE (if any)	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">X</td> </tr> </table>	Yes	√	No	X
Yes	√	No	X		
	Bid Submission was extended from August 12, 2021 to August 31, 2021 on the request of prospective bidders.				
▶ NUMBER OF TENDER DOCUMENTS SOLD	Five (05) (Were also made available on NHA website for downloading free of cost)				
▶ WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">x</td> </tr> </table>	Yes	√	No	x
Yes	√	No	x		
	Qualification criteria included in Instruction to Bidders and BDS of bidding document				
▶ WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">x</td> </tr> </table>	Yes	√	No	x
Yes	√	No	x		
▶ WHICH METHOD OF PROCUREMENT WAS USED:-	(Tick one)				
a) SINGLE STAGE - ONE ENVELOPE PROCEDURE	<input type="checkbox"/> x				
b) SINGLE STAGE - TWO ENVELOPE PROCEDURE	<input type="checkbox"/> √				
c) TWO STAGE BIDDING PROCEDURE	<input type="checkbox"/> x				
d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE	<input type="checkbox"/> x				
- Please specify if any other method of procurement was adopted with brief reasons (i.e. Emergency, Direct Contracting, Negotiated Tendering, etc.					
- WHO IS THE APPROVING AUTHORITY	NHA Executive Board (397th Meeting, dated June 04, 2022)				
▶ WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING	N/A				
▶ NUMBER OF BIDS RECEIVED	Four (04)				
▶ WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">x</td> </tr> </table>	Yes	√	No	x
Yes	√	No	x		
▶ WHETHER INTEGRITY PACT WAS SIGNED	<table border="1"> <tr> <td>Yes</td> <td align="center">√</td> <td>No</td> <td align="center">x</td> </tr> </table>	Yes	√	No	x
Yes	√	No	x		



**PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)**

**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

▶ No. OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS

(i) Four (04) bidders were present at the opening of Technical bid.

(ii) Two (02) bidders were present at the opening of price bid.

▶ NAME & ADDRESS OF SUCCESSFUL BIDDER

M/s MATRACON- HABIB (Jv) (A Joint Venture of M/s Matracon Pakistan (Pvt) Ltd – M/s Habib Construction Services (Pvt) Ltd), House No. 60-A, Street No. 39, F-10/4, Islamabad.

▶ RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (I.e. 1st, 2nd, 3rd EVALUATED BID)

1st Lowest evaluated bidder

▶ NEED ANALYSIS (Why the procurement was necessary?)

In the interest of public.

▶ IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE REASONS (Briefly describe)

...N/A...

▶ WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS

Yes	√	No	x
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▶ DATE OF CONTRACT SIGNING (Attach a copy of agreement)

September 8, 2022

▶ CONTRACT AWARD PRICE

Rs. **8,088,836,798/-**

▶ WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL

Yes	x	No	√
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BIDDERS (Attach a copy of evaluation report)

Uploaded on PPRA & NHA Websites. (PPRA Ref. No. EV42204, dated June 14, 2022)

▶ ANY COMPLAINTS RECEIVED (If Yes, result thereof)

Yes	x	No	√
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▶ ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS (If yes give details)

Yes	x	No	√
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▶ DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)

Yes	x	No	√
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▶ SPECIAL CONDITIONS, IF ANY (Give Brief Description)

N/A





# NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section  
28 Mauve Area, G-9/I, Islamabad ☎ 051-9032727, 051-9260419

Ref: 2(532)/GM (P&CA)/NHA/22/ 333

14 June, 2022

**Director (MIS)**  
National Highway Authority  
Islamabad.

**Subject:** ANNOUNCEMENT OF FINAL EVALUATION REPORTS (AMENDED):  
CONSTRUCTION OF HOSHAB – AWARAN – KHUZDAR SECTION  
OF M-8 PROJECT; SECTION-02, AWARAN – NAAL,  
PACKAGE-2A: KM: 146+000 TO KM: 200+000  
PACKAGE-2C: KM: 260+000 TO KM: 314+000

**Ref: -** This office letter No. 2(532)/GM (P&CA)/NHA/22/329, dated June 13, 2022 along-with Final Evaluation Reports as per PPRA Rule-35.

Kindly find attached duly filled and signed amended "Final Evaluation Reports" pertaining to the procurement of Package-2A & 2C of subject work in view of the above referred PPRA Rule for uploading on NHA & PPRA websites at earliest, please.

  
**(SAMI UR REHMAN)**  
General Manager (P&CA)

**Encl:** 02 No. Final Evaluation Reports under PPRA Rule-35

**Copy for Kind information to:**

- Member (Planning), NHA, Islamabad
- Director General (PPRA),  
(1<sup>st</sup> Floor, Federal Bank for Cooperatives, Ataturk Avenue, Sector G-5/2, Islamabad).
- Director (Technical) to Chairman, NHA, Islamabad
- Director (P&CA), Works-III, NHA, Islamabad
- File.

**Final Evaluation Report (Amended)**  
**As per Rule-35 of PP Rules, 2004**

1	Name of Procuring Agency	National Highway Authority
2	Method of Procurement	Single Stage Two Envelope Competitive Bidding Procedure
3	Title of Procurement	Construction of Hoshab – Awaran – Khuzdar Section of M-8 Project Section – II (Awaran - Naal) (168KMs) Package – 2C: KM: 260+000 TO KM: 314+000.
4	Tendering Inquiry No.	2(532-03)
5	PPRA Ref No. (TSE)	TS-455209-E
6	Date & Time of Bid Closing	August 31, 2021 at 1100 hours
7	Date & Time of Bid Opening	August 31, 2021 at 1130 hours
8	No. of Bids Received	Four (04)
9	Criteria for Bid Evaluation	As per attached Bid Data Sheet (BDS)
10	Details of Bid(s) Evaluation	As mentioned below

Name of Bidder	Marks		Evaluated Cost (Rs.)	Rule/Regulation/SB D*/Policy/Basis for Rejection /Acceptance as per Rule 35 of PP Rules, 2004.
	Technical (if applicable)	Financial (if applicable)		
M/S MATRACON – HABIB (JV) (A Joint Venture of M/s Matracon Pakistan (Pvt) Ltd - M/s Habib Construction Services (Pvt) Ltd)	Qualified	Opened	8,088,836,798.00	Most Advantageous Bidder
M/s SPGEC – HRK – SB (JV) (A Joint Venture of M/s Sichuan Province Geological Engineering Complex – M/s HRK & Co – M/s Shah Builders)	*Qualified	Opened	8,239,592,463.00	2nd
M/s SMADB - Shahrukh (JV) (A Joint Venture of M/s. Sardar Muhammad Ashraf D. Baluch (Pvt.) Ltd - M/s. Shah Rukh Engineer's & Contractor (Pvt.) Ltd)	Dis-Qualified	--	--	Pursuant to Clause IB 14.2 (The bidder has not extended bid validity)
M/s Maqbool - Calsons (JV) (A Joint Venture of M/s. Maqbool Associates (Pvt.) Ltd - M/s. Ch. Abdul Latif & Sons (Pvt.) Ltd)	Dis-Qualified	--	--	Not fulfilling the Qualification Criteria as stated in BDS Clause 11.1 (C) (v).

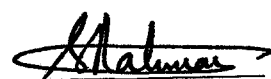
**\* M/s SPGEC – HRK – SB (A Joint Venture of M/s Sichuan Province Geological Engineering Complex – M/s HRK & Co – M/s Shah Builders) was initially dis-qualified by the Bid Opening and Evaluation Committee but was later on qualified upon the decision of the Grievance Redressal Committee.**

Most Advantageous Bidder: **M/S MATRACON – HABIB (JV)**  
(A Joint Venture of M/s Matracon Pakistan (Pvt) Ltd - M/s Habib Construction Services (Pvt) Ltd)

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

Signature: \_\_\_\_\_

Official Seal / Stamp: \_\_\_\_\_



**General Manager (P&CA)**  
**National Highway Authority**  
**Islamabad**



# NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section  
28 Mauve Area, G-9/I, Islamabad ☎ 051-9032727, 📠 051-9260419

Ref: 2(532-03)/GM (P&CA)/NHA/22/ 384

30 June, 2022

**M/s MATRACON – HABIB (Joint Venture)**

(A Joint Venture of M/s Matracon Pakistan (Pvt) Ltd –

M/s Habib Construction Services (Pvt) Ltd)

House No. 60-A, Street No. 39, F-10/4,

Islamabad.

Tel: 051-2215266, Fax: 051-2101183, email: [matracon@gmail.com](mailto:matracon@gmail.com)

**Subject: LETTER OF ACCEPTANCE:**

**CONSTRUCTION OF HOSHAB – AWARAN – KHUZDAR SECTION  
OF M-8 PROJECT; SECTION-02, AWARAN – NAAL (168 KM),  
PACKAGE-2C: KM: 260+000 TO KM: 314+000.**

**Reference:** (i) Your Financial Bid opened on March 28, 2022.

(ii) NHA Executive Board decision in its 397<sup>th</sup> meeting, dated June 04, 2022.

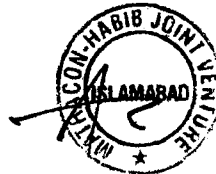
(iii) your letter No. DIR-369/G-04/2022 dated 24-05-2022.

In accordance with Clause IB – 31 of the “Instructions to Bidders” the undersigned is pleased to inform that Competent Authority has accepted your rebated Bid for an amount of Pak Rs. **8,088,836,798.00** (Pakistani Rupees Eight Billion, Eighty-Eight Million, Eight Hundred Thirty-Six Thousand, Seven Hundred and Ninety-Eight only) alongwith rebated/ revised rates of following BOQ items:

Bill No.	Item No.	Description	Unit	Original Rate (Rs)	Revised Rate (Rs)
6	604a	Metal Guard Rail	Each	2,500.00	1,900.00
6	604d	Steel Post for Metal Guard Rail	Each	5,000.00	1,900.00

2. The aforementioned amount is the “Accepted Contract Price” payable in consideration of Execution, Completion, Maintenance and Defects Liability of the works as prescribed by the Contract Documents.

3. Please proceed according to the Clause IB-32 and IB-33 of Instructions to Bidders with consideration to the conditions stipulated in the Bid Documents.

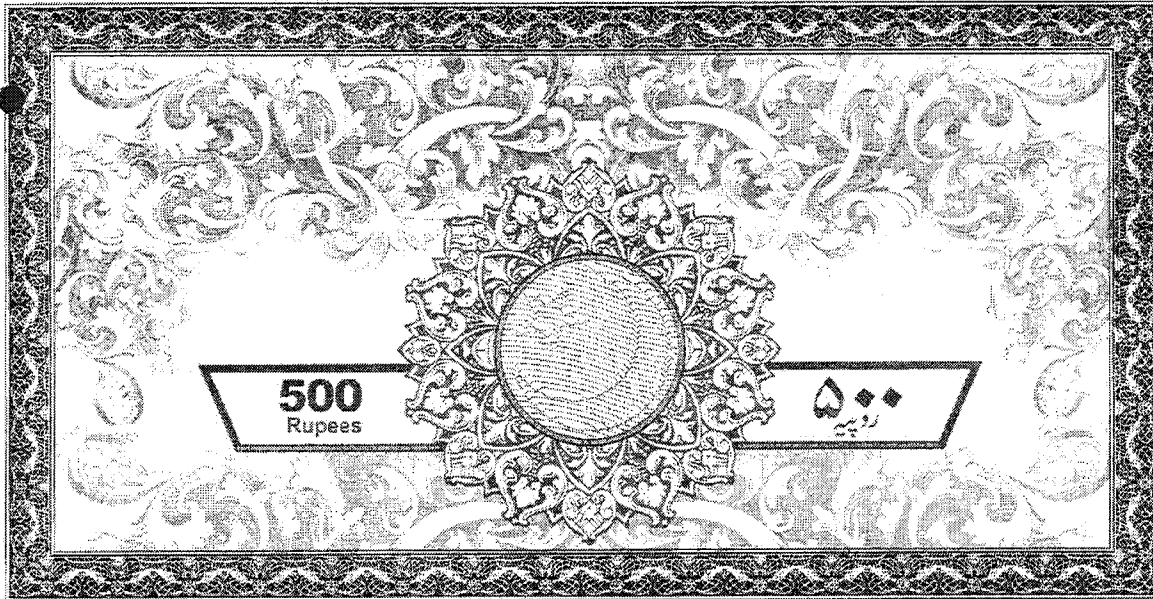


*Sami Ur Rehman*  
**(SAMI UR REHMAN)**  
General Manager (P&CA)

**Copy for kind information to:**

- Member (Planning) NHA, Islamabad.
- Member (Engineering – Coordination), NHA, Islamabad
- Member (Finance), NHA, Islamabad
- Member (West-Zone), NHA, Quetta.
- General Manager (B&A), NHA, Islamabad
- Director (Technical), Chairman Section, NHA, Islamabad.
- File

21



### CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the 08<sup>th</sup> day of September 2022 between **National Highway Authority**, 28 Mauve Area, G-9/1, Islamabad (hereafter called the "Employer" which expression shall include the successors, legal representative, and permitted assignees) of the one part and **M/s MATRACON - HABIB (Joint Venture)** (A Joint Venture of M/s Matracon Pakistan (Pvt) Ltd - M/s Habib Construction Services (Pvt) Ltd), House No. 60-A, Street No. 39, Sector F-10/4, Islamabad (hereafter called the "Contractor" which expression shall include the successors, legal representative, and permitted assignees) of the other part.

**WHEREAS** the Employer is desirous that certain Works, viz **"Construction of Hoshab - Awaran - Khuzdar Section of M-8 Project; Section-II, Awaran - Naal (168 KM), Package-2C: KM: 260+000 to KM: 314+000"** should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
  - (a) The Contract Agreement;
  - (b) The Letter of Acceptance No. 2(532-03)/GM (P&CA)/NHA/22/384, dated June 30, 2022.
  - (c) The completed Form of Bid (Letter of Technical Bid and Letter of Price Bid);
  - (d) Addendum No. 01, dated August 05, 2021 and Corrigendum No. 01 published in newspapers, dated August 07, 2021 vide PID No. 720/21;
  - (e) Special Stipulations (Appendix-A to Bid);
  - (f) Special Provisions (Contractual)
  - (g) The Particular Conditions of Contract - Part-II;
  - (h) The General Conditions - Part I;
  - (i) The priced Bill of Quantities (Appendix-D to Bid) along-with Rate Analysis and BOQ issued;
  - (j) The completed Appendices to Bid (C, E to P);
  - (k) Particular Specifications / Special Provisions (Specifications);
  - (l) NHA General Specifications and its Addenda;
  - (m) The Drawings;
  - (n) Decision of NHA Executive Board (289<sup>th</sup> Meeting dated November 30, 2017) & its amendments for compliance.
  - (o) Any other documents regarding this contract.



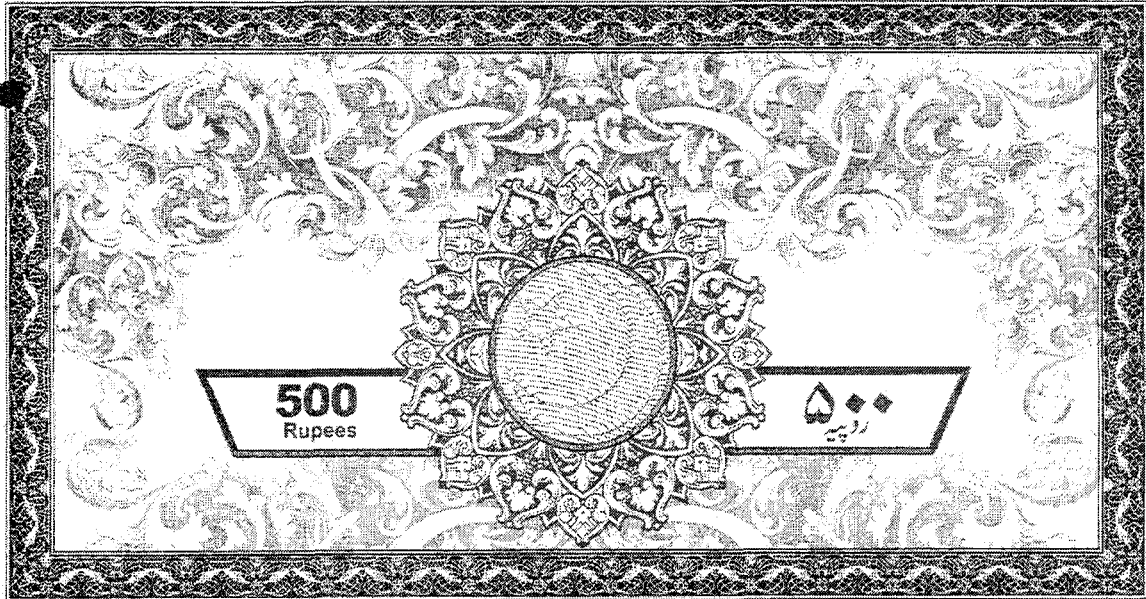
*[Handwritten signature]*



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



Continued.....



:2:

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

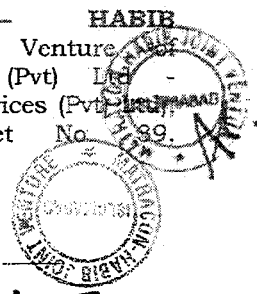
IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

For and behalf of  
**National Highway Authority**  
 (Employer)

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

For and behalf of  
 M/s **MATRACON** - **HABIB**  
 (Joint Venture) (A Joint Venture  
 M/s Matracon Pakistan (Pvt) Ltd  
 M/s Habib Construction Services (Pvt) Ltd  
 House No. 60-A, Street No. 39,  
 Sector F-10/4, **Islamabad.**  
 (Contractor)

*(Signature)*  
**JEMANZEB SAULAT.**  
 37405-8021160-9.



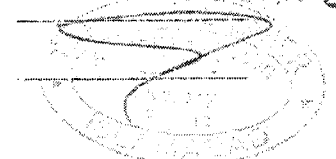
Signed, Sealed and Delivered in the presence of:

Witness:

*(Signature)*  
**ABDUL REHMAN**  
 Director (P.C.A.)

Witness:

*(Signature)*  
**Qaiser Mehmood**  
 34104-8890081-5





22

Price

in our

to Rs.

E.M-8  
& 2C

2022.



**CONSTRUCTION OF HOSHAB-AWARAN ~ KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN ~ NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES  
ABSTRACT OF COST**

Bill No.	Description	Amount (Rs.)
1	EarthWork	2,278,664,940
2	Sub Base and Base	1,647,048,900
3	Surface Course & Pavement	680,148,450
4a	Structures (Box Culverts)	1,120,829,711
4b	Structures (Retaining Structures)	253,298,540
4c	Structures (Bridges)	658,906,932
4c(i)	Structures (Soil Investigation for Bridges)	5,892,250
5	Drainage And Erosion Works	649,192,625
6	Ancillary Works	383,694,450
6a	Ancillary Works ( Weigh Station, Service Area and Rest Area Including all Allied Works)	300,000,000
7	General Items	111,160,000
	<b>TOTAL AMOUNT (Rs.)</b>	<b>8,088,836,798</b>
<b>Rupees in Words:</b>	<b>Eight Billion Eighty Eight Million Eight Hundred Thirty Six Thousand Seven Hundred Ninety Eight Rupees</b>	



19

23



**CONSTRUCTION OF HOSHAB-AWARAN ~ KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN ~ NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

**BILL NO. 01 EARTH WORKS**

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
101	Clearing and Grubbing	SM	1,434,125	15	Fifteen Rupees	21,511,875.00
102a	Removal of Trees 150-300 mm Girth	Each	75	400	Four Hundred Rupees	30,000.00
102b	Removal of Trees 301-600 mm Girth	Each	75	1,000.00	One Thousand Rupees	75,000.00
102c	Removal of Trees 601mm or over Girth	Each	100	4,000.00	Four Thousand Rupees	400,000.00
104	Compaction of Natural Ground	SM	1,434,125	15	Fifteen Rupees	21,511,875.00
106a	Excavate Unsuitable Common Material	CM	30,000	400	Four Hundred Rupees	12,000,000.00
108ai	Formation of Embankment from Unclassified Roadway Excavation	CM	270,000	700	Seven Hundred Rupees	189,000,000.00
108c	Formation of Embankment from borrow excavation in common material	CM	3,345,495	600	Six Hundred Rupees	2,007,297,000.00
108di	Formation of Embankment from Unclassified Structural Excavation	CM	17,705	200	Two Hundred Rupees	3,541,000.00
109a	Subgrade Preparation in Earthcut	SM	47,117	70	Seventy Rupees	3,298,190.00
Sp-117a	Formation of granular material platform	CM	10,000	2000	Two Thousand Rupees	20,000,000.00
<b>Total Amount (Rs.)</b>						<b>2,278,664,940.00</b>



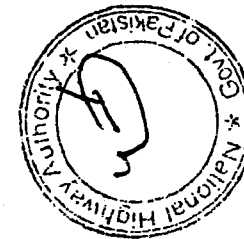
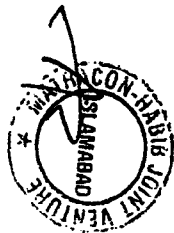
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**CONSTRUCTION OF HOSHAB-AWARAN ~ KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN ~ NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

**Bill No 4a: Structure (Box Culverts)**

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
107a	Unclassified Structural Excavation	CM	14,015.48	300.00	Three Hundred Rupees	4,204,644.00
107d	Granular Backfill	CM	9,415.18	900.00	Nine Hundred Rupees	8,473,662.00
401 a2i	Concrete Class A2 (Underground)	CM	311.33	14,000.00	Fourteen Thousand Rupees	4,358,620.00
401 a2ii	Concrete Class A2. (On ground)	CM	5,844.05	15,000.00	Fifteen Thousand Rupees	87,660,750.00
401 a3ii	Concrete Class A3 (On ground)	CM	3,169.61	16,000.00	Sixteen Thousand Rupees	50,713,760.00
401 a3iii	Concrete Class A3 (Elevated)	CM	8,907.18	17,000.00	Seventeen Thousand Rupees	151,422,060.00
401f	Lean Concrete	CM	2,948.33	7,000.00	Seven Thousand Rupees	20,638,310.00
404b	Reinforcement as per AASHTO M-31 Grade-60	TON	3,030.21	250,000.00	Two Hundred Fifty Thousand Rupees	757,552,500.00
406a	Premoulded Joint Filler 12mm Thick with Bitumastic Joint Seal	SM	1,104.97	1,200.00	One Thousand Two Hundred Rupees	1,325,964.00
406dii	PVC Water Stop 8" Size	M	3,363.04	650.00	Six Hundred Fifty Rupees	2,185,976.00
509d	Grouted Rip Rap Class A	CM	1,945.47	5,500.00	Five Thousand Five Hundred Rupees	10,700,085.00
509b	Riprap Class B	CM	3,612.84	5,500.00	Five Thousand Five Hundred Rupees	19,870,620.00
509h	Filter Layer of Granular Material	CM	861.38	2,000.00	Two Thousand Rupees	1,722,760.00
<b>Total Amount (Rs.)</b>						<b>1,120,829,711.00</b>



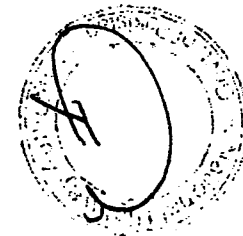
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CONSTRUCTION OF HOSHAB-AWARAN ~ KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN ~ NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES

BIII No 4b: Structure (Retaining Structures)

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
107a	Unclassified Structural Excavation	CM	10,107.00	300.00	Three Hundred Rupees	3,032,100.00
401a3ii	Concrete Class A3 (on ground)	CM	1,608.75	4,000.00	Four Thousand Rupees	6,435,000.00
401a3iii	Concrete Class A3 (Elevated)	CM	2,501.13	4,000.00	Four Thousand Rupees	10,004,520.00
401f	Lean Concrete	CM	5,341.63	4,000.00	Four Thousand Rupees	21,366,520.00
401h	Plum (Cyclopean / Rubble) Concrete (2:1 Cone. Stone Ratio)	CM	19,235.00	8,500.00	Eight Thousand Five Hundred Rupees	163,497,500.00
401b	Concrete Class B	CM	396.90	14,000.00	Fourteen Thousand Rupees	5,556,600.00
404b	Reinforcement as per AASHTO M 31 Grade 60.	Tons	616.48	35,000.00	Thirty Five Thousand Rupees	21,576,800.00
507a	Steel Wire Mesh for Gabions	Kg	69,300.00	195.00	One Hundred Ninety Five Rupees	13,513,500.00
507b	Rock Fill in Gabions	CM	6,930.00	1,200.00	One Thousand Two Hundred Rupees	8,316,000.00
<b>Total Amount (Rs.)</b>						<b>253,298,540.00</b>



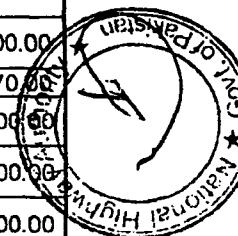
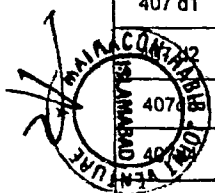
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27

**CONSTRUCTION OF HOSHAB-AWARAN - KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN - NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

**Bill No 4c: Structure (Bridges)**

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
107a	Unclassified Structural Excavation	CM	1,170.58	300.00	Three Hundred Rupees	351,174.00
107d	Granular Backfill	CM	1,560.77	900.00	Nine Hundred Rupees	1,404,693.00
401 a2ii	Concrete Class 'A2' (ON GROUND) Approach Slab, Barrier	CM	467.06	13,000.00	Thirteen Thousand Rupees	6,071,780.00
401 a3iii	Concrete Class 'A3' (ELEVATED) Pier, Transom, Deck Slab, Diaphragm & Wing Walls	CM	3,271.04	14,000.00	Fourteen Thousand Rupees	45,794,560.00
401 a3i	Concrete Class 'A3' (UNDERGROUND) Piles	CM	3,642.00	15,000.00	Fifteen Thousand Rupees	54,630,000.00
401 giv	Precast Concrete Class D1	CM	1,587.30	16,000.00	Sixteen Thousand Rupees	25,396,800.00
401f	Lean Concrete	CM	46.66	5,000.00	Five Thousand Rupees	233,300.00
404 b	Reinforcement as per MSHTO M 31 Grade 60.	Tons	1,476.52	250,000.00	Two Hundred Fifty Thousand Rupees	369,130,000.00
404 h	Reinforcement (Structural Shapes) as per ASTM A-36.	Tons	11.75	225,000.00	Two Hundred Twenty Five Thousand Rupees	2,643,750.00
405 a	Prestressing Wire Strand, 3/8" - 1/2" dia. Complete in all respects	Tons	79.37	250,000.00	Two Hundred Fifty Thousand Rupees	19,842,500.00
405 b	Launching of Girder	Tons	3,815.87	1,000.00	One Thousand Rupees	3,815,870.00
406e	Elastomeric Bearing Pads (According to size & thickness) Local	Cu.cm	2,277,000.00	4.00	Four Rupees	9,108,000.00
407 d1	Cast-in place concrete piles, upto 1.00 M dia in Normal Soil (Boring only)	LM	120.00	4,000.00	Four Thousand Rupees	480,000.00
	Cast-in place concrete piles, upto 1.00 M dia in Gravel Soil (Boring only)	LM	80.00	12,000.00	Twelve Thousand Rupees	960,000.00
407d	Cast-in place concrete piles, 1.1 - 1.5 M dia in Normal Soil (Boring only)	LM	1,584.00	4,500.00	Four Thousand Five Hundred Rupees	7,128,000.00
407d	Cast-in place concrete piles, 1.1 - 1.5 M dia in Gravel Strata(Boring only)	LM	1,056.00	16,000.00	Sixteen Thousand Rupees	16,896,000.00
407i	Pile Load Test upto 850 Ton	Each	6.00	1,200,000.00	One Million Two Hundred Thousand Rupees	7,200,000.00
407h	Proof Load Test upto 510 Ton	Each	6.00	1,200,000.00	One Million Two Hundred Thousand Rupees	7,200,000.00
407 n	Permanent Pile casing (liner 12 mm Thick) for piles	Tons	58.41	250,000.00	Two Hundred Fifty Thousand Rupees	14,602,500.00
SP-417(a)	Sonic Integrity Tests (SIT) on all Piles	Each	120.00	8,000.00	Eight Thousand Rupees	960,000.00
SP-417	Manufactured Trade Marks expansion joints for roadway (25 - 30) mm movement	M	323.40	60,000.00	Sixty Thousand Rupees	19,404,000.00



52

15



Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
509d	Grouted Rip Rap Class A	CM	1,108.91	5,500.00	Five Thousand Five Hundred Rupees	6,099,005.00
507a	Steel Wire Mesh for Gabion	Kg	125,000.00	195.00	One Hundred Ninety Five Rupees	24,375,000.00
507b	Rockfill in Gabion	CM	12,500.00	1,200.00	One Thousand Two Hundred Rupees	15,000,000.00
SP-418	GI Drain Pipe Dia 100 mm	LM	120.00	1,500.00	One Thousand Five Hundred Rupees	180,000.00
				<b>Total Amount (Rs.)</b>		<b>658,906,932.00</b>

CONSTRUCTION OF HOSHAB-AWARAN - KHUZDAR: SECTION OF M-8 PROJECT:  
 SECTION-II (AWARAN - NAAL)  
 PACKAGE-2C: KM 260+000 TO KM 314+000  
 BILL OF QUANTITIES  
 Bill No 4c: Structure (Bridges)

960,000.00

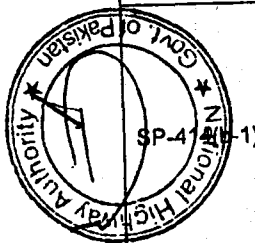
Amount in Rupees



**CONSTRUCTION OF HOSHAB-AWARAN ~ KHUZDAR: SECTION OF M-8 PROJECT;**  
**SECTION-II (AWARAN ~ NAAL)**  
**PACKAGE-2C: KM 260+000 TO KM 314+000**  
**BILL OF QUANTITIES**

**Bill No 4c(I): Structures (Soil Investigation for Bridges)**

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
SP-414 (a)	6" minimum dia drilling straight rotary/ Percussion Including back filling of holes from NSL upto 45m depth or till the rock level which ever is met earlier.	LM	300.00	6,000.00	Six Thousand Rupees	1,800,000.00
SP-414(b)	Perform SPT at 1 m interval i/c collection, preservation & Transportation of disturbed samples to an approved Laboratory.	No.	90.00	700.00	Seven Hundred Rupees	63,000.00
SP-414(b-1)	Continuous core drilling in bedrock up to a maximum of 5 m depth below rock strike level, including determination of core recovery/ RQD, preservation of core samples in core bottles, labelling, waxing of selected core samples, photography of rock cores and transportation of core samples to the laboratory. In case core recovery is less than 80% reduce run length to 0.5 m.	LM	50.00	8,500.00	Eight Thousand Five Hundred Rupees	425,000.00
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.	50.00	5,500.00	Five Thousand Five Hundred Rupees	275,000.00
SP-414(d)	Performance of FDT in test pits through sand replacement method i/c moisture content determination.	No.	100.00	1,300.00	One Thousand Three Hundred Rupees	130,000.00
SP-414(e)	Excavation of testpits upto 1.5 m depth along road allgnment including backfilling of pits to original condition.	M	50.00	4,000.00	Four Thousand Rupees	200,000.00
SP-414(f)	Collection of undisturbed block samples from test pits at appropriate location as directed by the Engineer.	No.	50.00	3,500.00	Three Thousand Five Hundred Rupees	175,000.00
SP-414(f1)	Collection of composite bulk sample (atleast 60 kg for sandy/clayey soils and 120 kg for gravelly soils).	No.	50.00	1,600.00	One Thousand Six Hundred Rupees	80,000.00



(soils).

No. 50.00

No.

50.00

1,600.00

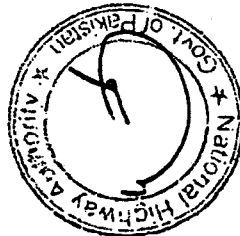
One Thousand Six Hundred Rupees

80,000.00

**CONSTRUCTION OF HOSHAB-AWARAN - KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN - NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

**Bill No 4c(i): Structures (Soil Investigation for Bridges)**

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
SP-414(g)	Collection & preservation of water samples from bore holes & transportation to an approved Laboratory.	No.	50.00	900.00	Nine Hundred Rupees	45,000.00
SP-414(h)	Laboratory Testing	No.	30.00	700.00	Seven Hundred Rupees	21,000.00
i.	Grain size analysis.	No.	30.00	900.00	Nine Hundred Rupees	27,000.00
ii.	Hydrometer analysis.	No.	30.00	900.00	Nine Hundred Rupees	27,000.00
iii.	Atterberg limits	No.	30.00	900.00	Nine Hundred Rupees	27,000.00
iv.	Specific gravity	No.	30.00	900.00	Nine Hundred Rupees	27,000.00
v.	Natural moisture content	No.	30.00	175.00	One Hundred Seventy Five Rupees	5,250.00
vi.	Bulk density & Dry density (Soil/rock cores)	No.	30.00	500.00	Five Hundred Rupees	15,000.00
vii.	Direct shear test	No.	30.00	3,500.00	Three Thousand Five Hundred Rupees	105,000.00
viii.	Consolidation test (collapse/swell potential)	No.	30.00	4,000.00	Four Thousand Rupees	120,000.00
ix.	Unconfined compression test (Soil/rock cores)	No.	30.00	1,000.00	One Thousand Rupees	30,000.00
X.	Chemical analysis of soil	No.	30.00	2,400.00	Two Thousand Four Hundred Rupees	72,000.00
xi.	Chemical analysis of water	No.	30.00	2,400.00	Two Thousand Four Hundred Rupees	72,000.00
xii.	Submission of Investigation Report (triplicate)	No.	30.00	68,000.00	Sixty Eight Thousand Rupees	2,040,000.00
xiii.	CBR	No.	30.00	2,600.00	Two Thousand Six Hundred Rupees	78,000.00
xvi.	Modified Proctor Test	No.	30.00	2,000.00	Two Thousand Rupees	60,000.00
<b>Total Amount (Rs.)</b>						<b>5,892,250.00</b>

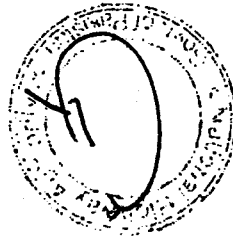


19

**CONSTRUCTION OF HOSHAB-AWARAN ~ KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN ~ NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

**Bill No . 5: Drainage and Erosion Works**

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
401a1ii	Concrete Class A-1 (On Ground)	CM	5,421	15,000.00	Fifteen Thousand Rupees	81,315,000.00
401b	Concrete class B	CM	6,072	12,000.00	Twelve Thousand Rupees	72,864,000.00
404b	Reinforcement as per AASHTO M-31 Grade 60	Ton	542	220,000.00	Two Hundred Twenty Thousand Rupees	119,240,000.00
501g	RCC Pipe Culvert AASHTO M 170 Class II dia 910mm	M	1,914	25,000.00	Twenty Five Thousand Rupees	47,850,000.00
502b	Concrete Class B in bedding and Encasement of Concrete Pipe Culvert	CM	3,062	12,000.00	Twelve Thousand Rupees	36,744,000.00
507a	Steel Wire Mesh for Gabions	Kg	30,435	195.00	One Hundred Ninety Five Rupees	5,934,825.00
507b	Rock Fill In Gabions	CM	3,044	1,200.00	One Thousand Two Hundred Rupees	3,652,800.00
509d	Grouted Riprap Class A	CM	184,128	1,500.00	One Thousand Five Hundred Rupees	276,192,000.00
SP-501	Supplying & Installation of uPVC Pipe 100/150 mm dia	M	5,400	1,000.00	One Thousand Rupees	5,400,000.00
<b>Total Amount(Rs.)</b>						<b>649,192,625.00</b>

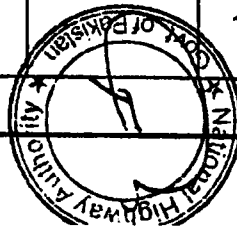
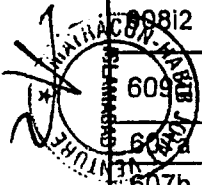


12

CONSTRUCTION OF HOSHAB-AWARAN - KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN ~ NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES

Bill No. 6 : Ancillary Works

Pay Item	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
401f	Lean Concrete (New Jersey Barrier)	CM	64.00	5,000.00	Five Thousand Rupees	320,000.00
601aii	RCC New Jersey Barrier (In Situ) as per drawings ; Single face (including reinforcement)	M	1,600.00	12,000.00	Twelve Thousand Rupees	19,200,000.00
601dii	Pre-cast Curb in Concrete Class A-1 including bedding and haunching as per drawings	M	112,644.00	1,200.00	One Thousand Two Hundred Rupees	135,172,800.00
604a	Metal Guard Rail	M	25,914.00	1,900.00	One Thousand Nine Hundred Rupees	49,236,600.00
604b	Metal Guard Rail End Pieces	Each	100.00	5,000.00	Five Thousand Rupees	500,000.00
604d	Steel Post for Metal Guard Rail	Each	13,639.00	1,900.00	One Thousand Nine Hundred Rupees	25,914,100.00
608i2	Pavement Marking in Reflective TP Paint of 15 cm width	M	148,500.00	200.00	Two Hundred Rupees	29,700,000.00
609	Reflectorised Plastic Pavement Studs, (Raised Profile Type - Single)	Each	7,920.00	250.00	Two Hundred Fifty Rupees	1,980,000.00
609a	Traffic Road Signs,-Category-1	Each	200.00	14,000.00	Fourteen Thousand Rupees	2,800,000.00
607b	Traffic Road Signs, Category - 2	Each	200.00	16,000.00	Sixteen Thousand Rupees	3,200,000.00
607e	Traffic Road Signs, Category- 3c	SM	300.00	25,000.00	Twenty Five Thousand Rupees	7,500,000.00
SP-504	Delineators / Angle Reflector	Each	1,491.00	450.00	Four Hundred Fifty Rupees	670,950.00
SP-601a	Gantry Sign Type -I as shown on drawings	Each	3.00	2,500,000.00	Two Million Five Hundred Thousand Rupees	7,500,000.00
NSI-VI	Provision of Service Duct for optical Fiber Cable through out the Project Length.	PS		100,000,000.00	One Hundred Million Rupees	100,000,000.00
<b>Total Amount(Rs.)</b>						<b>383,694,450</b>



33

**CONSTRUCTION OF HOSHAB-AWARAN - KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN - NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

**Bill No. 6a: Ancillary Works (Weight Station, Service Area & Rest Area)**

Pay Item	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
-	Construction of 01 No Weigh Station including buildings, Complete in all respect.	PS	-	50,000,000.00	Fifty Million Rupees	50,000,000.00
-	Construction of 01 No. Service Area and 01 No. Rest Area, Complete in all respect.	PS	-	250,000,000.00	Two Hundred Fifty Million Rupees	250,000,000.00
<b>Total Amount(Rs.)</b>						<b>300,000,000</b>

Note: Weigh Station, Service Area, Rest Area and its allied works are incorporated on provisiqnal sum basis. Contractor shall visit the respective sites and prepare adequate shop drawings of all activities involved in the execution of the said activities along with appropriate Bill of Quantities and rates, complete in all respect as stated above and submit to the Engineer for approval. No activity will be commenced prior to the approval of the Engineer.



19

34

**CONSTRUCTION OF HOSHAB-AWARAN - KHUZDAR: SECTION OF M-8 PROJECT;  
SECTION-II (AWARAN - NAAL)  
PACKAGE-2C: KM 260+000 TO KM 314+000  
BILL OF QUANTITIES**

Bill No. 7: General Items

Pay Item No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In Words	
Sp-701 (a)	Provide Surveying & allied instruments	PS	-	2,500,000	Two Million Five Hundred Thousand Rupees	2,500,000
Sp-701 (b)	Maintain Survey Instruments, provide vehicle, Survey Team & helpers	Month	36	90,000	Ninety Thousand Rupees	3,240,000
Sp-702 (a)	Provide the Employer's and Engineer's Representative's Office & Residence (on rental basis)	PS	-	3,000,000	Three Million Rupees	3,000,000
Sp-702 (b)	Furnish and Equip. Employer's & Engineer's Representative office & Residence.	PS	-	6,000,000	Six Million Rupees	6,000,000
Sp-702 (c)	Maintain Employer's and Engineer's Representative Office & Residence.	Month	36	125,000	One Hundred Twenty Five Thousand Rupees	4,500,000
Sp-703 (a)	Provide Material Testing Project Laboratory (rental basis)	PS	-	3,000,000	Three Million Rupees	3,000,000
Sp-703 (b)	Equip & Furnish Material Testing Project Laboratory.	PS	-	5,000,000	Five Million Rupees	5,000,000
Sp-703 (c)	Maintain Material Testing Project Laboratory including provision 03 helpers	Month	36	120,000	One Hundred Twenty Thousand Rupees	4,320,000
Sp-708a	Provide Employer's Representative's Transport (i) Toyota Revo	Each	1	8,000,000	Eight Million Rupees	8,000,000
Sp-708b	Provide Engineer's Representative Transport (i) Toyota Revo	Each	1	8,000,000	Eight Million Rupees	8,000,000
	(ii) Suzuki Jeep	Each	3	5,000,000	Five Million Rupees	15,000,000
	(iii) Toyota Single Cabin	Each	2	4,500,000	Four Million Five Hundred Thousand Rupees	9,000,000
	(iv) Suzuki Bolan (Carry)	Each	3	1,800,000	One Million Eight Hundred Thousand Rupees	5,400,000
Sp-708 (c)	Running & Maintenance of Employer's / Engineer's Representative's Transport	Vehicle-Month	360	80,000	Eighty Thousand Rupees	28,800,000
NSI-IV	Employing Trainee Engineer's with Boarding, Lodging and messing	Man-Month	72	50,000	Fifty Thousand Rupees	3,600,000
NSI-V	Employing Trainee Quantity Surveyor for NHA (Design Section) with Boarding, Lodging and messing	Man-Month	36		Fifty Thousand Rupees	1,800,000
<b>Total Amount (Rs.)</b>						<b>111,160,000</b>



4