



NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section

28 Mauve Area, G-9/I, Islamabad ☎ 051-9032727, 051-9260419

Ref: 2(582C)/GM (P&CA)/NHA/2025/- S/2

08 October, 2025

Director General (PPRA),

1st Floor, Federal Bank for Cooperatives,
Ataturk Avenue, Sector G-5/2,
Islamabad.

Ph: 051- 9205728, Email: info@ppra.org.pk

Subject: CONTRACT AWARD PROFORMA - I & II AND

BENEFICIAL OWNER'S INFORMATION PROFORMA:

DUALIZATION OF KARARO WADH SECTION & KHUZZAR
CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN
EXPRESSWAY) LENGTH 187 KILOMETER WADH SECTION III
(LENGTH 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI &
VII) (LENGTH 104 KILOMETER) (REVISED), SECTION-III, VI & VII.

Ref: -

- (i) PPRA Rule-47 as per PPRA Rules 2004.
- (ii) PPRA S.R.O No. 592(I) 2022, dated May 10, 2022 regarding Declaration of Beneficial Owner's information of Public Procurement Contract Awarded Regulations 2022.

Kindly find attached following documents pertaining to the awards of Three (03) Sections of subject project, as per PPRA Rule-47 and above referred S.R.O regarding Declaration of Beneficial Owner's information, for uploading on PPRA website, please.

- a) Contract Award Proforma -I & II.
- b) Bid Evaluation Report.
- c) Letter of Acceptance.
- d) Contract Agreement.
- e) Priced Bill of Quantities (BOQ).
- f) Beneficial Owner's Information Proforma.

(SARMAD SAUD AULAKH)
General Manager (P&CA)

Encl: As above

Copy for Kind information to:

- Member (Planning), NHA, Islamabad
- Director (P&CA), Works-III, NHA, Islamabad
- File.

(2) In case of defect liability or maintenance period, defect liability certificate shall be issued within thirty days of the expiry of the said period enabling the supplier or contractor to submit the final bill. Except for unsettled claims, which shall be resolved through arbitration, the bill shall be paid within the time given in the conditions of contract, which shall not exceed sixty days to close the contract for final audit.

MAINTENANCE OF RECORD AND FREEDOM OF INFORMATION

46. Record of procurement proceedings.-

(1) All procuring agencies shall maintain a record of their respective procurement proceedings along with all associated documentation for a minimum period of five years.

(2) Such maintenance of record shall be subject to the regulations framed in this regard from time to time.

47. Public access and transparency.-

As soon as a contract has been awarded the procuring agency shall make all documents related to the evaluation of the bid and award of contract public:

Provided that where the disclosure of any information related to the award of a contract is of proprietary nature or where the procuring agency is convinced that such disclosure shall be against the public interest, it can withhold only such information from public disclosure subject to the prior approval of the Authority.

REDRESSAL OF GRIEVANCES AND SETTLEMENT OF DISPUTES

48. Redressal of grievances by the procuring agency.-

(1) The procuring agency shall constitute a committee comprising of odd number of persons, with proper powers and authorizations, to address the complaints of bidders that may occur prior to the entry into force of the procurement contract.

(2) Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than fifteen days after the announcement of the bid evaluation report under rule 35.

(3) The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint.

(c) "Public Procurement Contract (PPC)" means the contract awards under Public Procurement Regulatory Authority Ordinance, 2002, Public Procurement Rules, 2004 and the Regulations.

(2) The expressions used but not defined in these Regulations shall have the same meaning as are assigned to them in the Public Procurement Regulatory Authority Ordinance, 2002, Public Procurement Rules 2004 and the Regulations.

3. **Scope.**—These Regulations shall extend to the whole of Pakistan and shall be applicable to all the procuring agencies within or outside Pakistan.

4. **Declaration of Beneficial Ownership Information.**—All procuring agencies while engaging in public procurement contracts worth Rs. 50 Million and above shall make a mandatory provision of beneficial ownership information of the company in the said contracts as per prescribed Performa (*Annexure-I*) in accordance with provisions of Forms-42, 43 and 44 of the Securities & Exchange Commission of Pakistan.

5. **Enforcement Mechanism of Beneficial Ownership Information.**—(1) Subject to regulation 4, the procuring agencies while engaging in public procurement contract awards shall publicise the beneficial ownership information of the company on PPRA's website.

(2) In case of failure to provide the required information of the beneficial ownership by the company or submission of false or partial information, the procuring agency shall:

- i. Blacklist the said company in accordance with rule 19(1)(a) of Public Procurement Rules, 2004,
- ii. Reject the bid of the said company:

Provided that may object or class of objects procured in contravention of any provision of these regulations shall amount to mis-procurement.

(3) In case the procuring agency fails to obtain the required information as per prescribed proforma (*Annex-I*) from prospective bidder during procurement process and the procuring agency enters into a contract with the said bidder then the managing Director (PPRA) may declare such procurement process as mis-procurement and blacklist the said bidder.

[No. 7(61)/PPRA.sectt./PPRA/2022.]

ALI TEMUR,
Director (Coord & Estab).

Section – III

KARARO – WADH (83 KM), N-25

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
- FEDERAL/PROVINCIAL GOVT/OTHERS

National Highway Authority

Federal Govt (Autonomous Body)

- TITLE OF CONTRACT

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY)
LENGTH: 187-KILOMETER WADH SECTION III (LENGTH: 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH: 104 KILOMETER) – REVISED PC-I SECTION-III: KARARO – WADH (83 KM)

- TENDER NUMBER
- BRIEF DESCRIPTION OF THE CONTRACT

2(582C-01)

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY)
LENGTH: 187-KILOMETER WADH SECTION III (LENGTH: 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH: 104 KILOMETER) – REVISED PC-I SECTION-III: KARARO – WADH (83 KM)

- TENDER VALUE
- ENGINEER's ESTIMATE (for civil works only)
- ESTIMATED COMPLETION PERIOD (AS PER
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Rs. 49,484,992,847.00

Rs. 53,779.168 Million

24 Months

- ADVERTISEMENT
 - (i) PPRA Website (Federal Agencies)
(If yes, give PPRA tender number and date)
 - (ii) News Papers
(If yes, give names of newspapers and date)

INCLUDED IN PSDP (2025-26)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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Procurement was carried out under PPRA Rule-42(f) without advertisement

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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Procurement was carried out under PPRA Rule-42(f) without advertisement

- TENDER OPENED ON (Date and Time)
- NATURE OF PURCHASE
- EXTENSION IN DUE DATE (if any)

Financial Bids submitted on July 02, 2025 at 1100 Hrs and opened on the same day at 1130 Hrs

Procurement of works

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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- NUMBER OF TENDER DOCUMENTS SOLD
- WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS
- WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS

Bid documents were provided to State Owned Entities as for PPRA Rule-42(f) free of cost

Procurement was carried out through PPRA Rule-42(f) by inviting State Owned Entities

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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Procurement was carried out through PPRA Rule-42(f) by inviting State Owned Entities



► WHICH METHOD OF PROCUREMENT WAS USED:-

(Tick one)

✓
✗
✗
✗

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE

Please specify if any other method of procurement was adopted with brief reasons (i.e. Emergency, direct Contracting, Negotiated Tendering, etc.)

- WHO IS THE APPROVING AUTHORITY
- WHETHER APPROVAL OF COMPETENT AUTHORITY
- WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING
- NUMBER OF BIDS RECEIVED
- WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER
- WHETHER INTEGRITY PACT WAS SIGNED

Due to law and order situations in project area as communicated by MOC direct contracting with state owned entities under PPRA Rule-42(f) has been adopted

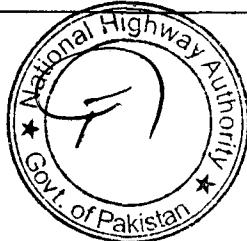
NHA Executive Board

Yes, approval of NHA Executive Board was obtained (472nd meeting, dated June 16, 2025)

One (01) out of two (02) qualified bidder under PPRA Rule 42(f)

Yes	✓	No	✗
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Yes	✓	No	✗
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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	One (01) out of two (02) qualified bidder under PPRA Rule 42(f)			
► NAME & ADDRESS OF SUCCESSFUL BIDDER	M/s Frontier Works Organization (FWO) 509-Kashimr Road,R.A Bazar, Rawalpindi			
► RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATED BID)	Single evaluated bidder			
► NEED ANALYSIS (Why the procurement was necessary?)	In the interest of public.			
► IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE	...N/A...			
► WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
► DATE OF CONTRACT SIGNING (Attach a copy of agreement)				
► CONTRACT AWARD PRICE	Rs. 49,484,992,847.00			
► WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS (Attach a copy of evaluation report)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Uploaded on PPRA & NHA Websites. (PPRA Ref. No. EV92710, dated 21-08- 2025)			
► ANY COMPLAINTS RECEIVED (If Yes, result thereof)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS (If yes give details)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► 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(582C)/GM (P&CA)/NHA/2025/-412

28 August, 2025

Director General

Public Procurement Regulatory Authority (PPRA)
1st Floor, Federal Bank for Cooperatives,
Ataturk Avenue, Sector G-5/2,
Islamabad.

Phone: 051-9205728

**Subject: ANNOUNCEMENT OF FINAL EVALUATION REPORT
(PPRA RULE-35):**
**PROCUREMENT OF DUALIZATION OF KARARO – WADH SECTION
(83-KM) & KUCHLAK – CHAMAN SECTION (104-KM) OF
NATIONAL HIGHWAY (N-25). TOTAL LENGTH: 187-KM,
SECTION-III, VI & VII UNDER PPRA RULE-42(F).**

Ref: - PPRA Rule-35

Please find enclosed herewith the "Final Evaluation Report" pertaining to the procurement of three (03) Sections of subject work in view of the above referred PPRA Rule for uploading on PPRA website at earliest, please.

(FAYYAZ AHMED)
General Manager (P&CA)

Encl: Three (03) Bid_Evaluation Reports under PPRA Rule-35

Copy for Kind information to:

- Member (Planning), NHA, Islamabad
- Director (Technical) to Chairman, NHA, Islamabad
- Director (P&CA), Works-III, NHA, Islamabad
- Director (MIS), NHA, Islamabad
- File.

FINAL EVALUATION REPORT
(As per Rule-35 of PP Rules, 2004)

1.	Name of Procuring Agency	National Highway Authority
2.	Method of Procurement	Single Stage - One Envelope Bidding Under PPRA Rule-42(f).
3.	Title of Procurement	Dualization of Kararo – Wadh Section (83-KM) & Kuchlak – Chaman Section (104-KM) of National Highway (N-25), Total Length: 187 KM, Section-III (83 KM): From Kararo – Wadh, From KM: 231+000 to KM: 314+000.
4.	Tender Inquiry No.	2(582C-01)
5.	PPRA Ref No. (TSE)	NIL
6.	Invitation for Bids	June 17, 2025.
7.	Bid Submission Date	July 02, 2025 at 1130 Hours.
8.	Bids Received	One (01) out of Two (02) Qualified State Own Entities.

S.#	Name of Bidder	Technical Evaluation	Evaluated Bid Price (Rs.)	Position
i.	M/s Frontier Works Organization	Qualified	49,484,992,847.00	1 st
ii.	M/s National Logistic Cell Er.gr.	Qualified	<i>Didn't submit the bid due to its current engagements</i>	—

Most Advantageous Bidder: **M/s Frontier Works Organization**

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

Further procurement proceedings are subject to approval of revised PC-1 from the competent forum.

Signature:

Official 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(582C-01)/GM (P&CA)/NHA/2025/- 446

✓ September, 2025

M/s Frontier Works Organization
507, Kashmir Road, RA Bazaar,
Rawalpindi.

Ph: (051) 9271301, email: info@fwo.com.pk.

Attn: **Brig. (Retd) Rahimuddin Ahmad Faruqi**
Authorized Representative

Subject:

LETTER OF ACCEPTANCE:

DUALIZATION OF KARARO – WADH SECTION (83-KM) & KUCHLAK – CHAMAN SECTION (104-KM) OF NATIONAL HIGHWAY (N-25), TOTAL LENGTH: 187 KM, (BALOCHISTAN EXPRESSWAY), SECTION-III: KARARO – WADH (83 KM).

Redesignated as:

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY) LENGTH 187 KILOMETER WADH SECTION III (LENGTH 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH 104 KILOMETER) (REVISED). SECTION-III: KARARO – WADH (83 KM).

Reference:

- (i) Your Financial Bid opened on July 02, 2025.
- (ii) Decision of NHA Executive Board in its 473rd meeting, dated July 08, 2025.
- (iii) Revised Adminstration Approval received vide MOC letter No.. 6(1)/2020-Road-1 dated September 01, 2025.

In accordance with Clause IB – 31 of the "Instructions to Bidders" the undersigned is pleased to inform that Competent Authority has accepted your Bid for an amount of Pak Rs. 49,484,992,847.00 (Pakistani Rupees Forty-Nine Billion, Four Hundred Eighty-Four Million, Nine Hundred Ninety-Two Thousand, Eight Hundred and Forty-Seven only).

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.

(SARMAD SAUD AULAKH)
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.

X081363

0179-32029035

E-STAMP

PB-RWP-33D1D9A791799B36

Non-Judicial

Rs 1,000/-

First Party : FWO [100000000000]
 Second Party : NHA [100000000000]
 Agent : FARHAT ABBAS SHAH [37405-1444557-3]
 Stamp Duty Paid by : NHA [100000000000]
 Issue Date : 18-Sep-2025, 12:25:53 PM
 Paid Through Challan : 2025CD767A43C22E
 Amount in Words : One thousand Rupees Only



Please Write Below This Line

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the 25th day of September 2025 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 Frontier Works Organization (FWO), 509-Kashmir Road, R.A Bazar, Rawalpindi. (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 "Dualization of Kararo - Wadh Section (83-KM) & Kuchlak - Chaman Section (104-KM) of National Highway (N-25), Total Length: 187-KM), (Balochistan Expressway), Section-III: Kararo - Wadh (83 KM)." redesignated as

"Dualization of Kararo Wadh Section & Khuzdar Chaman of National Highway (N-25) (Pakistan Expressway) Length 187 Kilometer Wadh Section III (Length 83-Kilometer) & Kuchlak Chaman Section (VI & VII) (Length 104-Kilometer) (Revised), Section-III: Kararo - Wadh (83 KM)" 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.

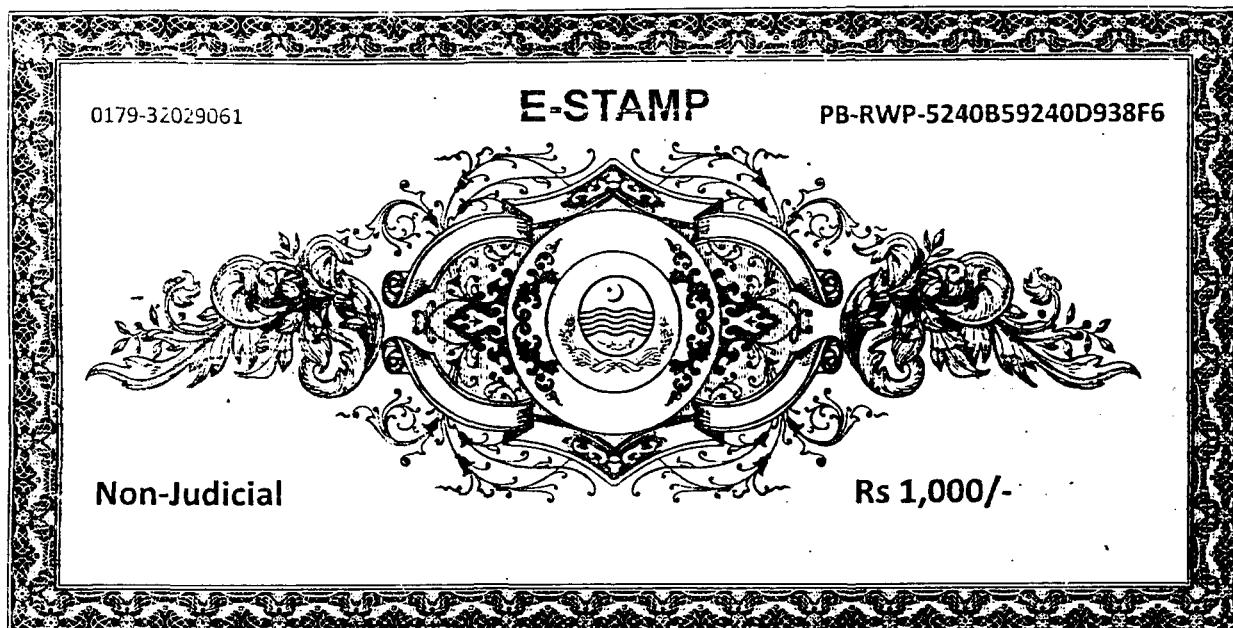
NOW this Agreement witnessed as follows:

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(582C-01)/GM(P&CA)/NHA/2025/-446, dated 05/09/2025.
 - (c) Form of Bid;
 - (d) Addendum/ Corrigendum to Bid (if any);
 - (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 (Specification);
 - (l) NHA General Specifications 1998 and its Addenda;
 - (m) The Drawings;
 - (n) Minutes of NHA Executive Board Meeting & its amendments for compliance.
 - (o) Any other documents regarding this contract.

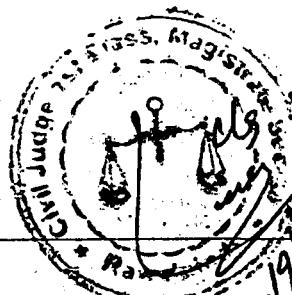
M. ATHAR IMRAN
Member (Planning)
National Highway Authority
Islamabad



X081364



First Party : FWO [100000000000]
Second Party : NHA [100000000000]
Agent : FARHAT ABBAS SHAH [37405-1444557-3]
Stamp Duty Paid by : FWO [100000000000]
Issue Date : 18-Sep-2025, 12:27:18 PM
Paid Through Challan : 2025F013B89C1D61
Amount in Words : One Thousand Rupees Only



Please Write Below This Line

: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)

M. ATHAR IMRAN
Member (Planning)
National Highway Authority
Islamabad

For and behalf of
M/s Frontier Works Organization (FWO).
(509-Kashmir Road, R.A Bazar, Rawalpindi.)
(Contractor)

Director Plans
for Director General
Brig Rahimuddin Ahmad Faruqi, (Retd)

Signed, Sealed and Delivered in the presence of:

Witness:

General Manager (P&CA)
National Highway Authority
Islamabad

Witness:

Lt Col (R) Tanveer Afzal



**DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD
(BALOCHISTAN EXPRESSWAY)**

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

SUMMARY OF BOQ

Bill No.	Description	Amount (Rs.)
1	Earth Work	4,018,345,484
2	Sub-Base and Base Course	10,850,093,595
3	Surfacing and Pavement	3,811,895,428
4 & 5	Structures & Drainage Works	23,148,706,009
6	Ancillary Works	3,183,693,748
7	Miscellaneous Items	396,695,624
8	Road Lighting	90,245,041
9	Additional Items for Expressway	3,985,317,918
TOTAL AMOUNT (BILL N0. 1 - 9)		49,484,992,847

Rupees in Words: **Forty-Nine Billion Four Hundred Eighty-Four Million Nine Hundred Ninety-Two Thousand Eight Hundred Forty-Seven only**

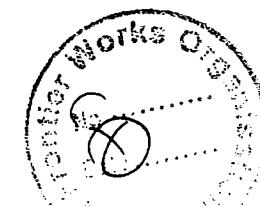


DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 01 EARTH WORKS						
101	Clearing & Grubbing.	SM	2,647,097	35	Thirty-Five	92,648,395
102a	Removal of Trees 150-300 mm Girth.	EACH	88	1,348	One Thousand Three Hundred Forty-Eight	118,624
102b	Removal of Trees 301-600 mm Girth.	EACH	176	2,300	Two Thousand Three Hundred	404,800
102c	Removal of Trees 601 mm or Over Girth.	EACH	617	5,827	Five Thousand Eight Hundred Twenty-Seven	3,595,259
104	Compaction of Natural Ground.	SM	2,647,097	40	Forty	105,883,880
SP - 1 (Item 106)	Excavate / Dispose Off Unsuitable / Surplus Unclassified Material (all types of excavated material).	CM	762,649	720	Seven Hundred Twenty	549,107,280
SP - 2a (item 108a&b)	Formation of Embankment from Unclassified Roadway Excavation (all types of excavated material).	CM	1,961,093	1,100	One Thousand One Hundred	2,157,202,300
SP - 2b (Item 108c)	Formation of Embankment from Borrow Excavation	CM	552,886	710	Seven Hundred Ten	392,549,060
SP - 2c (SP-108d&e)	Formation of Embankment from Structural Excavation in Unclassified Material (all types of excavated material)	CM	83,905	650	Six Hundred Fifty	54,538,250
SP - 3 (Item 110)	Improved Sub-grade (CBR>15%).	CM	661,636	1,001	One Thousand One	662,297,636
	TOTAL (BILL NO. 01)					4,018,345,484

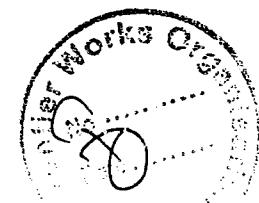


DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 02 SUB-BASE & BASE						
201	Granular Subbase	CM	462,089	2,824	Two Thousand Eight Hundred Twenty-Four	1,304,939,336
202i	Aggregate Base Course (with Paver)	CM	387,050	4,697	Four Thousand Six Hundred Ninety-Seven	1,817,973,850
203b	Asphaltic Base Course Plant Mix (Class-B)	CM	236,647	32,547	Thirty-Two Thousand Five Hundred Forty-Seven	7,702,449,909
209a	Breaking of Existing Road Pavement Structure	CM	22,550	1,110	One Thousand One Hundred Ten	25,030,500
	TOTAL (BILL NO. 02)					10,850,093,595
BILL NO. 03 SURFACING & PAVEMENTS						
302a	Cut-Back Asphalt for Bituminous Prime Coat	SM	1,559,984	200	Two Hundred	311,996,800
303a	Cut-Back Asphalt for Bituminous Tack Coat	SM	3,010,002	95	Ninety-Five	285,950,190
304ci	Triple Surface Treatment	SM	512,046	1,053	One Thousand Fifty-Three	539,184,438
305b	Asphaltic Concrete Wearing Course (Class-B)	CM	76,400	35,010	Thirty-Five Thousand Ten	2,674,764,000
	TOTAL (BILL NO. 03)					3,811,895,428

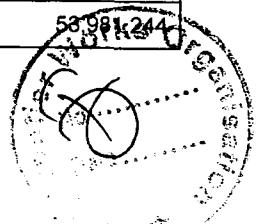


DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 04 & 5 STRUCTURES & DRAINAGE WORKS						
	BRIDGES					
SP - 4a (Item 107a)	Unclassified Structural Excavation	CM	32,713	600	Six Hundred	19,627,800
107 d	Granular Backfill.	CM	80,974	2,438	Two Thousand Four Hundred Thirty-Eight	197,414,612
107e	Common Backfill	CM	56,682	484	Four Hundred Eighty-Four	27,434,088
401 a1ii	Concrete Class "A1" on Ground	CM	3,551	25,693	Twenty-Five Thousand Six Hundred Ninety-Three	91,235,843
401 a3i	Concrete Class "A3" Under ground	CM	20,335	26,261	Twenty-Six Thousand Two Hundred Sixty-One	534,017,435
401 a3ii	Concrete Class "A3" on Ground	CM	30,324	26,895	Twenty-Six Thousand Eight Hundred Ninety-Five	815,563,980
401 a3iii	Concrete Class "A 3" Elevated	CM	9,803	30,141	Thirty Thousand One Hundred Forty-One	295,472,223
401 dii	Concrete Class 'D 2'	CM	8,067	32,029	Thirty-Two Thousand Twenty-Nine	258,377,943
401 f	Lean Concrete.	CM	1,848	15,945	Fifteen Thousand Nine Hundred Forty-Five	29,466,360
SP-5	Difference of cost for providing S.R. cement in Concrete Works of specified class:					
a	Concrete Class "A3" Under ground	CM	20,335	1,440	One Thousand Four Hundred Forty	29,282,400
b	Concrete Class "A3" on Ground	CM	30,324	1,440	One Thousand Four Hundred Forty	43,666,560
c	Lean Concrete.	CM	1,848	630	Six Hundred Thirty	1,164,240
404b	Reinforcement As Per AASHTO M 31 Grade 60	TON	11,292	322,528	Three Hundred Twenty-Two Thousand Five Hundred Twenty-Eight	3,641,986,176
405a	Pre-Stressing Wire Strand 3/8"-1/2" Dia Complete in all respect.	TON	409	836,161	Eight Hundred Thirty-Six Thousand One Hundred Sixty-One	341,989,849
405 b	Launching of girder	TON	20,778	2,598	Two Thousand Five Hundred Ninety-Eight	53,981,244

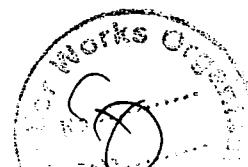


DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
406cv1	65 mm Expansion Joint-Nosing-Molded Vulcanized Elastomer Single Section (One Piece, Monoblock) Imported (European/American Make).	M	2,205	102,837	One Hundred Two Thousand Eight Hundred Thirty-Seven	226,755,585
406 eii	Elastomeric Bearing Pads (According To Size And Thickness) Imported (European/American Make)	Cu.cm.	7,572,620	11	Eleven	83,298,820
407diii	Test piles, cast in place pile upto 1.00 M dia in Normal Soil (Boring Only)	M	90	11,873	Eleven Thousand Eight Hundred Seventy-Three	1,068,570
407div	Test piles, cast in place pile upto 1.00 M dia in gravel strata including rock (Boring Only)	M	352	16,733	Sixteen Thousand Seven Hundred Thirty-Three	5,890,016
407dv	Test piles, cast in place pile 1.1 - 1.5 M dia in Normal Soil (Boring Only)	M	77	23,250	Twenty-Three Thousand Two Hundred Fifty	1,790,250
407dvi	Test piles, cast in place pile 1.1 - 1.5 M dia in gravel strata including rock (Boring Only)	M	306	36,237	Thirty-Six Thousand Two Hundred Thirty-Seven	11,088,522
407 s	Pile Load Tests Upto 550 ton.	EACH	5	2,083,438	Two Million Eighty-Three Thousand Four Hundred Thirty-Eight	10,417,190
407 t	Pile Load Tests Upto 800 ton.	EACH	11	2,947,075	Two Million Nine Hundred Forty-Seven Thousand Seventy-Five	32,417,825
407 u	Pile Load Tests Upto 1000 ton.	EACH	11	4,189,350	Four Million One Hundred Eighty-Nine Thousand Three Hundred Fifty	46,082,850
407 v	Pile Load Tests Upto 1200 ton.	EACH	3	4,998,806	Four Million Nine Hundred Ninety-Eight Thousand Eight Hundred Six	14,996,418
407diii	Cast in place piles upto 1.00 M dia in Normal Soil (Boring Only)	M	2,996	11,873	Eleven Thousand Eight Hundred Seventy-Three	35,571,508
407div	Cast in place piles upto 1.00 M dia in gravel strata including rock (Boring Only)	M	11,946	16,733	Sixteen Thousand Seven Hundred Thirty-Three	199,892,418
407dv	Cast in place piles 1.1 - 1.5 M dia in Normal Soil (Boring Only)	M	1,263	23,250	Twenty-Three Thousand Two Hundred Fifty	29,364,750
407dvi	Cast in place piles 1.1 - 1.5 M dia in gravel strata including rock (Boring Only)	M	5,049	36,237	Thirty-Six Thousand Two Hundred Thirty-Seven	182,960,613



DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
509e	Grouted Rip Rap Class "B"	CM	83,226	11,686	Eleven Thousand Six Hundred Eighty-Six	972,579,036
509h	Filter layer of granular material	CM	7,351	3,150	Three Thousand One Hundred Fifty	23,155,650
SP-6	Providing and fixing of 100mm dia G.I Pipes	No	708	1,350	One Thousand Three Hundred Fifty	955,800
407I	Permanent Pile Casing for Piles	TON	59	396,305	Three Hundred Ninety-Six Thousand Three Hundred Five	23,381,995
SP-7	Sonic Integrity Tests (SIT)	EACH	910	12,000	Twelve Thousand	10,920,000
SP-8	Soil / Geotechnical Investigation	Lumpsum	30	2,000,000	Two Million	60,000,000
510	Dismantling of Existing Structure and obstructions	CM	22,108	3,488	Three Thousand Four Hundred Eighty-Eight	77,112,704
SP-9	Cleaning and Minor Repair of Existing Bridge	Each	2	2,000,000	Two Million	4,000,000
				TOTAL .		8,434,381,273



DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

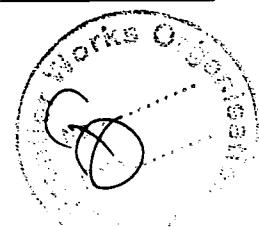
Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
	<u>BOX CULVERT</u>					
SP - 4a (Item 107a)	Unclassified Structural Excavation	CM	118,694	600	Six Hundred	71,216,400
107d	Granular backfill	CM	157,419	2,438	Two Thousand Four Hundred Thirty-Eight	383,787,522
107e	Common Backfill	CM	23,739	484	Four Hundred Eighty-Four	11,439,676
401a3ii	Concrete Class "A3"	CM	118,492	26,895	Twenty-Six Thousand Eight Hundred Ninety-Five	3,186,842,340
401f	Lean Concrete	CM	19,748	15,945	Fifteen Thousand Nine Hundred Forty-Five	314,881,860
404b	Reinforcement As Per AASHTO M 31 Grade 60	TON	17,906	322,528	Three Hundred Twenty-Two Thousand Five Hundred Twenty-Eight	5,775,186,368
406a	Premoulded Joint Filler 12 mm thick With Bitumastic Joint Seal	SM	1,472	5,202	Five Thousand Two Hundred Two	7,657,344
406dii	PVC Water Stop 8" size	M	6,532	3,593	Three Thousand Five Hundred Ninety-Three	23,469,476
412a	Stone Masonry Dressed coursed With Mortar	CM	21,990	10,788	Ten Thousand Seven Hundred Eighty-Eight	237,228,120
509h	Filter Layer of Granular material	CM	10,756	3,150	Three Thousand One Hundred Fifty	33,881,400
510	Dismantling of Existing Structure and obstructions	CM	33,873	3,488	Three Thousand Four Hundred Eighty-Eight	118,149,024
511b2	Grouted Stone pitching (20-25)cm thick with bitumen joints	SM	96,273	4,540	Four Thousand Five Hundred Forty	437,079,420
SP-6	Providing and fixing of 100mm dia G.I Pipes	No	739	1,350	One Thousand Three Hundred Fifty	997,650
SP-10	Cleaning and Minor Repair of Existing culverts	Each	10	800,000	Eight Hundred Thousand	8,000,000
	TOTAL .					10,609,866,600

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
	<u>RETAINING WALLS (Plum Concrete)</u>					
107 a&b	Structural Excavation in unclassified material.	CM	25,054	600	Six Hundred	15,032,400
107d	Granular Back fill	CM	35,098	2,438	Two Thousand Four Hundred Thirty-Eight	85,568,924
107e	Common Backfill	CM	4,543	484	Four Hundred Eighty-Four	2,198,812
401a	Concrete Class A1 (PCC) for Parapet/Barrier.	CM	1,727	25,693	Twenty-Five Thousand Six Hundred Ninety-Three	44,371,811
401f	Lean Concrete	CM	1,708	15,945	Fifteen Thousand Nine Hundred Forty-Five	27,234,060
401h	Plum (cyclopean/rubble) concrete (2:1 conc. Stone ratio)	CM	60,263	15,882	Fifteen Thousand Eight Hundred Eighty-Two	957,096,966
509f	Grouted Riprap, Class C	CM	53,043	11,786	Eleven Thousand Seven Hundred Eighty-Six	625,164,798
509h	Filter Layer of Granular Material	CM	5,992	3,150	Three Thousand One Hundred Fifty	18,874,800
SP-11	Providing & Placing in position 100mm dia PVC pipe	M	8,062	1,800	One Thousand Eight Hundred	14,511,600
	TOTAL .					1,790,054,171

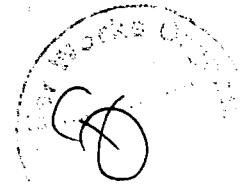


DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
	LINED DRAIN WITH BREAST WALL					
SP - 4a (Item 107a)	Unclassified Structural Excavation	CM	45,860	600	Six Hundred	27,516,000
401 f	Lean Concrete.	CM	6,879	15,945	Fifteen Thousand Nine Hundred Forty-Five	109,685,655
401b	Concrete Class B.	CM	451	18,995	Eighteen Thousand Nine Hundred Ninety-Five	8,566,745
411g	Roll Pointing	SM	22,554	763	Seven Hundred Sixty-Three	17,208,702
412a	Stone Masonry Dressed coursed with mortar	CM	23,682	10,788	Ten Thousand Seven Hundred Eighty-Eight	255,481,416
511b1	Grouted Stone Pitching (15 - 20cm thick) with bitumen joints	SM	33,622	3,686	Three Thousand Six Hundred Eighty-Six	123,930,692
509h	Filter Layer of Granular Material	CM	6,766	3,150	Three Thousand One Hundred Fifty	21,312,900
SP-11	Providing and fixing of PVC Pipes 100 mm dia	M	3,007	1,800	One Thousand Eight Hundred	5,412,600
	TOTAL .					569,114,710

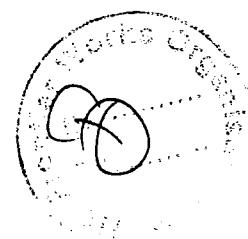


DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
	CHUTES & EMBANKMENT PROTECTION WORKS					
SP – 4a (Item 107a)	Unclassified Structural Excavation	CM	424	600	Six Hundred	254,400
401a1	Concrete Class A1	CM	1,318	25,693	Twenty-Five Thousand Six Hundred Ninety-Three	33,863,374
404b	Reinforcement As Per AASHTO M 31 Grade 60	TON	112	322,528	Three Hundred Twenty-Two Thousand Five Hundred Twenty-Eight	36,123,136
509e	Grouted Riprap Class B	CM	424	11,686	Eleven Thousand Six Hundred Eighty-Six	4,954,864
511b2	Grouted Stone Pitching (20 - 25cm thick) with bitumen joints	SM	172,196	4,540	Four Thousand Five Hundred Forty	781,769,840
509h	Filter Layer of Granular material	CM	23,709	3,150	Three Thousand One Hundred Fifty	74,683,350
				TOTAL		931,648,964



DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
	R.C.C DRAIN					
SP - 4a (Item 107a)	Unclassified Structural Excavation	CM	32,760	600	Six Hundred	19,656,000
107e	Common Backfill	CM	10,920	484	Four Hundred Eighty-Four	5,285,280
401a1ii	Concrete Class "A1"	CM	10,363	25,693	Twenty-Five Thousand Six Hundred Ninety-Three	266,256,559
401f	Lean Concrete.	CM	1,092	15,945	Fifteen Thousand Nine Hundred Forty-Five	17,411,940
404b	Reinforcement as per AASHTO M31 Grade 60	TON	1,554	322,528	Three Hundred Twenty-Two Thousand Five Hundred Twenty-Eight	501,208,512
SP-12b	Providing & fixing of Catch point Steel Grating (24" x 6").	EACH	546	7,000	Seven Thousand	3,822,000
	TOTAL .					813,640,291
	TOTAL (BILL NO. 04 & 05)					23,148,706,009



DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 06 ANCILLARY WORKS						
601aiii	RCC New Jersey Barrier (in-situ) for Median Double Face 1070mm above ground (including Reinforcement)	M	73,371	15,400	Fifteen Thousand Four Hundred	1,129,913,400
SP- 601	RCC New Edge Barrier (in-situ) Single Face (including Reinforcement)	M	23,940	13,900	Thirteen Thousand Nine Hundred	332,766,000
601dii	Precast Curb in Concrete Class A-1 of size 450x150 mm Including Concrete Bedding & Haunching.	M	16,979	2,617	Two Thousand Six Hundred Seventeen	44,434,043
604a	Metal Guard rail.	M	57,228	9,920	Nine Thousand Nine Hundred Twenty	567,701,760
604b	Metal Guard rail End Pieces.	EACH	315	9,940	Nine Thousand Nine Hundred Forty	3,131,100
604d	Steel Post of Metal Guard Rail.	EACH	30,120	11,682	Eleven Thousand Six Hundred Eighty-Two	351,861,840
607avi	Traffic sign CAT 1iii - 120 cm Digital Printing Sign Board in High Intensity Reflective Sheet Laminated on 1.8 mm thick G.I Sheet With Pipe Dia 3" and Thickness 8 Gauge.	EACH	74	40,490	Forty Thousand Four Hundred Ninety	2,996,260
607bvi	Traffic sign CAT 2iii - 120 cm Digital Printing Sign Board in High Intensity Reflective Sheet Laminated on 1.8 mm thick G.I Sheet With Pipe Dia 3" and Thickness 8 Gauge.	EACH	16	52,696	Fifty-Two Thousand Six Hundred Ninety-Six	843,136
607evii	Traffic Road sign Category 3c (up to 15 Sq.m) Digital Printing Sign Board in High Intensity Reflective Sheet Laminated on 1.8 mm thick G.I Sheet With G.I Pipe Dia 8" and Thickness as per Schedule 40.	SM	578	46,093	Forty-Six Thousand Ninety-Three	26,641,754
608h2	Pavement Marking in reflective TP paint for Lines of 15 cm width	M	391,466	210	Two Hundred Ten	82,207,860
608j2	Pavement marking in reflective TP paint for 4 M arrows.	EACH	200	2,800	Two Thousand Eight Hundred	560,000

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
609ci	Reflectorised Plastic Pavement Stud (Raised Profile Type Single)	EACH	23,515	590	Five Hundred Ninety	13,873,850
610c	Kilometer Post.	EACH	165	9,663	Nine Thousand Six Hundred Sixty-Three	1,594,395
612a	Furnishing and Planting of Trees Including Maintenance of 2 Year	EACH	56,894	3,675	Three Thousand Six Hundred Seventy-Five	209,085,450
SP-13	Delineator, attached on the metal barriers, which can show the outer contour of the highway when being illuminated by the car lamps, thus ensuring driving safety.	EACH	1,202	3,500	Three Thousand Five Hundred	4,207,000
SP-14	Delineator, attached on the concrete barriers, which can show the outer contour of the highway when being illuminated by the car lamps, thus ensuring driving safety.	EACH	3,457	2,500	Two Thousand Five Hundred	8,642,500
SP-15	Providing and installation of Over Head Gantry Signs as per drawing including RCC foundations complete with all respect and as directed by the engineer.	EACH	8	5,000,000	Five Million	40,000,000
SP-16	Landscaping (Grass) (on side slope)	SM	1,210,778	300	Three Hundred	363,233,400
	TOTAL (BILL NO. 06)					3,183,693,748

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
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BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
SP-21.1	Provide Employer's Representative Transport.					
(i)	Toyota Double Cabin, Pickup ,4 WD , A/C or equivalent	Provisional sum	1	13,798,750	Thirteen Million Seven Hundred Ninety-Eight Thousand Seven Hundred Fifty	13,798,750
(ii)	Toyota Single Cabin, Pickup, 4 WD , A/C or equivalent	Provisional sum	3	11,348,750	Eleven Million Three Hundred Forty-Eight Thousand Seven Hundred Fifty	34,046,250
SP-21.2	Provide Engineer's Representative Transport.					
(i)	Toyota Double Cabin, Pickup ,4 WD , A/C or equivalent	Provisional sum	1	13,798,750	Thirteen Million Seven Hundred Ninety-Eight Thousand Seven Hundred Fifty	13,798,750
(ii)	Toyota Single Cabin, Pickup, 4 WD , A/C or equivalent	Provisional sum	7	11,348,750	Eleven Million Three Hundred Forty-Eight Thousand Seven Hundred Fifty	79,441,250
SP-21.3	Running & Maintenance of Employer's / Engineer's Representative Transport.	Vehicle Month	288	195,200	One Hundred Ninety-Five Thousand Two Hundred	56,217,600
SP-22	Employing Trainee Engineer's with Boarding and Lodging. (4 Nos)	Man Month	96	65,000	Sixty-Five Thousand	6,240,000
	TOTAL (BILL NO. 07)					396,695,624

* Vehicles purchase is subject to approval of the Austerity committee under Cabinet Secretariat.



DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 7 - MISCELLANEOUS ITEMS						
SP-17.1 (702a)	Provide The Employer's and Engineer's Representative Office	SM	293	64,560	Sixty-Four Thousand Five Hundred Sixty	18,916,080
SP-17.2 (702b)	Furnish & Equip The Employer's and Engineer's offices	Provisional sum	1	8,750,000	Eight Million Seven Hundred Fifty Thousand	8,750,000
SP-17.3 (702c)	Maintain The Employer's and Engineer's offices	Per Month	24	620,000	Six Hundred Twenty Thousand	14,880,000
SP-18.1 (702a)	Provide The Employer's and Engineer's Representative Residence	SM	293	64,560	Sixty-Four Thousand Five Hundred Sixty	18,916,080
SP-18.2 (702b)	Furnish & Equip The Employer's and Engineer's Residence	Provisional sum	1	8,750,000	Eight Million Seven Hundred Fifty Thousand	8,750,000
SP-18.3 (702c)	Maintain The Employer's and Engineer's Residence	Per Month	24	1,030,000	One Million Thirty Thousand	24,720,000
SP-19.1 (703a)	Provide Material Testing Project Laboratory (Rental Basis)	Provisional sum	1	2,400,000	Two Million Four Hundred Thousand	2,400,000
SP-19.2 (703b)	Equip and furnish Material Testing Project Laboratory.	Provisional sum	1	7,600,000	Seven Million Six Hundred Thousand	7,600,000
SP-19.3 (703c)	Maintain Material Testing Project Laboratory including Provision of 04 Helpers	Per Month	24	1,045,000	One Million Forty-Five Thousand	25,080,000
SP-20.1 (701)	Provide Surveying and Allied Instruments	Provisional sum	1	8,000,000	Eight Million	8,000,000
SP-20.2 (701)	Maintain survey Instruments: Provide vehicles, Survey Team & Helpers.	Per Month	24	2,297,536	Two Million Two Hundred Ninety-Seven Thousand Five Hundred Thirty-Six	55,140,864

GK

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 08 ROAD LIGHTING						
E-01	Excavation for cable Trench, foundation in all kind of soil, including backfilling with suitable excavated soil in layer not exceeding 150 mm thickness in depression, including cutting and removing all the growth, trees, bushes levelling dressing and disposal of excavated material as per instruction of Engineer-in-charge complete in all respects as per drawing and specification and to the approval of Engineer-in-charge.					
	a) Cable trench	Cum	1,555	800	Eight Hundred	1,244,000
	b) Pole foundation.	Cum	148	780	Seven Hundred Eighty	115,440
E-02	Supply, installation, testing & commissioning of pole mounted transformers including cost of lifting hooks, thermometer, L.T and H.T. bushings, double float Buchholz relay, tap changer, oil gauge, breather, conservator, oil filling plugs, cooling elements, drain cock, earthing terminals, rated voltage 11000/415/230V, impedance to be specified by the manufacturer, system connection. Delta-Y, neutral solidly earthed , filled with transformer oil including cost of all necessary materials complete in all respects and manufactured by any one of the specified manufacturers for the under mentioned capacities.					
	a) 50 KVA 3 - phase , 11KV/415volt, 50 c/s	Each	2	1,188,172	One Million One Hundred Eighty-Eight Thousand One Hundred Seventy-Two	2,376,344
	a) 25 KVA 3 - phase , 11KV/415volt, 50 c/s	Each	1	780,825	Seven Hundred Eighty Thousand Eight Hundred Twenty-Five	780,825
E-03	Supply fixing adda for pole mounted transformer on existing H.T pole conforming to WAPDA specifications complete in all respects.	Job	3	153,870	One Hundred Fifty-Three Thousand Eight Hundred Seventy	461,610
E-04	Supply, installation D-Assembly for pole mounted transformer as per WAPDA specification complete with brackets, insulator, down conductor D-fuse link etc.	Job	3	134,833	One Hundred Thirty-Four Thousand Eight Hundred Thirty-Three	404,499
E-05	Supply& installation of PVC pipe heavy duty of approved manufacturer (as specified in the approved list), or as required as per site conditions complete with all PVC conduit accessories such as socket & bends, steel pull wire, junction boxes, to facilitate the pulling of electric cable, complete in all respects of the following sizes.					
	a) 100 mm Dia (class-B).	Rm	2,961	4,719	Four Thousand Seven Hundred Nineteen	13,972,959
	b) 100 mm Dia (class-D).	Rm	300	4,719	Four Thousand Seven Hundred Nineteen	1,415,700

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
E-06	Supply, installation, testing & commissioning of copper conductor cable 600/1000 V grade of approved manufacturer (as specified in the manufacturer/make list Annexure-1) to be laid in pre-excavated trench or pulled through prelaid PVC conduit, including cost of connections at both ends with necessary lugs, thimbles, brass nuts, bolts, washers, designation labels and of the following sizes. Approximate length is given herewith while the actual length of the cable to be installed shall be practically measured at site by the contractor and paid accordingly.					
a)	4-core 120mm Sq, PVC insulated PVC armoured .	Rm	20	29,722	Twenty-Nine Thousand Seven Hundred Twenty-Two	594,440
b)	4-core 35mm Sq, PVC insulated PVC armoured .	Rm	30	9,206	Nine Thousand Two Hundred Six	276,180
c)	4-core 16mm Sq, PVC insulated PVC unarmoured cable.	Rm	2,961	4,877	Four Thousand Eight Hundred Seventy-Seven	14,440,797
d)	Single core- 16mm Sq PVC sheathed cable.	Rm	2,961	996	Nine Hundred Ninety-Six	2,949,156
-E-07	Supply, pulling 3-Core, 2.5mm Sq 350/500 volt copper cable from inspection chamber to luminaire terminal in octagonal pole.	Rm	1,516	785	Seven Hundred Eighty-Five	1,190,060

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
E-08	Supply, erection of hot dip galvanized steel octagonal pole anchor type suitable for road lighting made of 4.5mm thick steel complete with base plate 20mm thick welded with pipe with stiffener, inspection chamber consisting of 6 Amp SP MCB, stranded terminal with hinged door and locker strip, including brackets for luminiare, complete in all respects and of the following heights.					
	a) 12 meter height with double bracket	Each	84	223,850	Two Hundred Twenty-Three Thousand Eight Hundred Fifty	18,803,400
	b) 10 meter height with single bracket	Each	10	181,500	One Hundred Eighty-One Thousand Five Hundred	1,815,000
E-09	Constructing pole foundation R-C-C 1:2:4 including four J-Anchor bolt 25mm dia 1200mm long with nut and washer etc.	Job	94	50,000	Fifty Thousand	4,700,000
E-10	Supply, installation, testing & commissioning of Road Luminaire IP-66 with built in slots (Six) for LED Module, housing made of high pressure die - casting aluminum with external corrosion resistant polyester powder coat finish, vane type design on the back, suitable for side entry (48-60mm), door frame with dip-in technology, antitheft screws and adjustable angles 0° to 15° suitable for 220 volt , (±10), 50 C/S complete with Driver/Gear and 84 LEDs, (14 LEDs / slot).	Each	178	128,563	One Hundred Twenty-Eight Thousand Five Hundred Sixty-Three	22,884,214



DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
E-11	Supply, installation, testing & commissioning of light control panel outdoor type, IP-66 made of antistatic powder coated MS sheet manufactured by specified manufacturer as per approved list, with cable glands of appropriate size for incoming and outgoing cable and comprising of components as mentioned below. i) TYPE-A Incoming 1x60 AMP, TP, MCCB, 15 KA Indication lights Red, Yellow, Blue. Digital Voltmeter With Selector Switch. 4-copper Bus Bar 100 AMP Relay Outgoing 2x magnetic contactor 30AMP controlled by photocell. 2x MCCBs 30 AMP for manual by pass control for switching.	Each	2	219,183	Two Hundred Nineteen Thousand One Hundred Eighty-Three	438,366
	ii) TYPE-B Incoming 1x100 AMP, TP, MCCB, 15 KA Indication lights Red, Yellow, Blue. Digital Voltmeter With Selector Switch. 4-copper Bus Bar 100 AMP Relay Outgoing 4x magnetic contactor 30AMP controlled by photocell. 4x MCCBs 30 AMP for manual by pass control for switching.	Each	2	249,895	Two Hundred Forty-Nine Thousand Eight Hundred Ninety-Five	499,790
E-12	Providing, constructing earthing rod as per Standard specification for transformer body, neutral and light control panel	Job	3	289,087	Two Hundred Eighty-Nine Thousand Eighty-Seven	867,261
E-13	Supply and laying galvanized steel wire 10mm Sq as earth wire for transformer and light control panel.	Kg	30	500	Five Hundred	15,000
	TOTAL (BILL NO. 08)					90,245,041

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
BILL NO. 9 ADDITIONAL ITEMS FOR EXPRESSWAY						
101	Clearing & Grubbing.	SM	100,571	35	Thirty-Five	3,519,985
104	Compaction of Natural Ground.	SM	100,571	40	Forty	4,022,840
SF - 3 (Item 110)	Improved Sub-grade (CBR>15%).	CM	30,171	1,001	One Thousand One	30,201,171
201	Granular Subbase	CM	19,239	2,824	Two Thousand Eight Hundred Twenty-Four	54,330,936
202i	Aggregate Base Course (with paver)	CM	20,114	4,697	Four Thousand Six Hundred Ninety-Seven	94,475,458
203b	Asphaltic Base Course Plant Mix (Class-B)	CM	3,603	32,547	Thirty-Two Thousand Five Hundred Forty-Seven	117,266,841
302a	Cut-Back Asphalt for Bituminous Prime Coat	SM	100,571	200	Two Hundred	20,114,200
303a	Cut-Back Asphalt for Bituminous Tack Coat	SM	45,032	95	Ninety-Five	4,278,040
305b	Asphaltic Concrete Wearing Course (Class-B)	CM	5,029	35,010	Thirty-Five Thousand Ten	176,065,290
310a	Jointed plain concrete pavement (jpcp) using minimum 5000psi class concrete laid through concrete paver including transverse and longitudinal joints formation, expansion caps and filling with sealant complete in all respects excluding reinforcement (dowel/tie bars).	CM	306	37,096	Thirty-Seven Thousand Ninety-Six	11,351,376
401f	Lean Concrete (for Rigid Pavement).	CM	100	15,945	Fifteen Thousand Nine Hundred Forty-Five	1,594,500
404b	Reinforcement Grade-60 (for Rigid Pavement)	TON	2	322,528	Three Hundred Twenty-Two Thousand Five Hundred Twenty-Eight	645,056
SP-23	Providing and fixing antistain and compound grade 60 hard grease dowel @ 300mm c/c 36mm dia, 500mm long i/c dowel cap with imported PVC Pipe complete assembly in expansion and contraction joint in rigid pavement as per drawing. (for Rigid Pavement)	EACH	594	2,550	Two Thousand Five Hundred Fifty	1,514,700
601di	Precast Curb in Concrete Class A-1 of size 450x150 mm Including Concrete Bedding & Haunching.	M	3,766	2,617	Two Thousand Six Hundred Seventeen	9,855,622
608h2	Pavement Marking in reflective TP paint for Lines of 15 cm width	M	3,982	210	Two Hundred Ten	836,220
611a	Galvanized wire mesh fence 1500mm high Precast Prestressed R.C.C Posts Complete in all Respects Per M-2 Standard	M	164,622	5,883	Five Thousand Eight Hundred Eighty-Three	968,471,226

DUALIZATION & REHABILITATION OF KARACHI QUETTA CHAMAN ROAD (BALOCHISTAN EXPRESSWAY)

**SECTION-III, KARARO TO WADH SECTION (N-25),
(KM. 231+743 - KM 314+053.590 (LENGTH : 82.311 KM.)**

BILL OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate(Rs.)		Amount (Rs.)
				In Figures	In Words	
SP-24	Construction of (Weigh Station Building, Tollplaza Admin Building & Service Area Buildings) as per given Drawing using Class-A Specification for all construction items i.e Civil, Electrical, Plumbing, Sewerage, Sanitation, Water Supply, Energization from Source, complete in all respect ready for occupation.	SM	26,206	64,560	Sixty-Four Thousand Five Hundred Sixty	1,691,859,360
SP-25	Land Scaping / Green Area of (Weigh Station, Tollplaza Admin Building & Service Area)	SM	57,563	315	Three Hundred Fifteen	18,132,345
SP-31	Providing and laying Tuff pavers, having 7000PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope complete in all respect. (50% Grey / 50% Colored (for Side walk/footpath for Service Area).	SM	123,048	2,724	Two Thousand Seven Hundred Twenty-Four	335,182,752
SP-26	Weigh Station Equipment & Allied Works	No	2	20,000,000	Twenty Million	40,000,000
SP-27	Structural Steel Canopy & Related Works (8 lane)	No.	1	10,000,000	Ten Million	10,000,000
SP-28	Tolling Booths	No.	8	700,000	Seven Hundred Thousand	5,600,000
SP-29	ETTM System	No.	8	2,000,000	Two Million	16,000,000
SP-30	Manufacture, Supply, Erection & Installation of Truss Type of Pedestrian Steel Over Head Bridge with ramp & Stair on Both side.	Each	5	74,000,000	Seventy-Four Million	370,000,000
				TOTAL (BILL NO. 09)		3,985,317,918



Declaration of Ultimate Beneficial Owners Information for Public Procurement Contracts

(Contract No = 2 (SS2C - C1))

1. Name Frontier Works Organization (FWO)
2. Father's Name/Spouse's Name Not Applicable
3. CNIC/NICOP/Passport no. Not Applicable
4. Nationality Pakistani
5. Residential address SC9, Kashmir Rd, RA Bazar Rawalpindi
6. Email address dieplans@fwo.com.pk
7. Date on which shareholding, control or interest acquired in the business. Not Applicable
8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entities or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided:

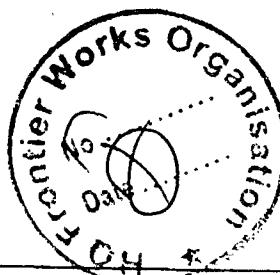
1	2	3	4	5	6	7	8	9	10
Name	Legal form (Company/Limited Liability Partnership/Association of Persons/Single Member Company/ Partnership Firm/ Trust/Any other individual, body corporate (to be specified))	Date of incorporation/ registration	Name of registering authority	Business Address	Country	Email address	Percentage of shareholding, control or interest of BO in the legal person or legal arrangement	Percentage of shareholding, control or interest of legal person or legal arrangement in the Company	Identity of Natural Person who ultimately owns or controls the legal person or arrangement
	Government	12/01/1990	Government	Frontier Works Organization	Pakistan	dieplans@fwo.com.pk	N/A	N/A	
	Owned Entity	11/01/1990	Frontier Works Organization	SC9, Kashmir Rd, RA Bazar Rawalpindi	Pakistan	dieplans@fwo.com.pk	N/A	N/A	

9. Information about the Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names).

1	2	3	4	5	6	7	8
Name and surname (In Block Letters)	CNIC No. (In case of foreigner, Passport No.)	Father's/ Husband's Name in full	Current Nationality	Any other Nationality (ies)	Occupation	Residential address in full or the registered/ principal office address for a subscriber other than natural person	Number of shares taken by each subscriber (in figures and words)
N/A							
Total number of shares taken (in figures and words)							

10. Any other information incident to the declaration of beneficial owner(s).

Name & signature
(Person in whose name the shares are held)
Brig Riazuddin Ahmad Faruqi, (Retd) (for the company)



DUALIZATION OF KARORO - WADH SECTION (83-KM) & KUCHILAK - CHAMAN SECTION (104-KM) OF NATIONAL HIGHWAY (N-25), (LENGTH: 187-KM): (Balochistan Expressway).
SECTION-III: Karoro To Wadu 231+000 TO KM: 314+000.

Section - VI

KUCHLAK – CHAMAN (62.50 KM), N-25

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
- FEDERAL/PROVINCIAL GOVT/OTHERS

National Highway Authority

Federal Govt (Autonomous Body)

- TITLE OF CONTRACT

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY) LENGTH: 187-KILOMETER WADH SECTION III (LENGTH: 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH: 104 KILOMETER) - REVISED PC-I,
SECTION-VI: KUCHLAK TO CHAMAN (62.50 KM)

- TENDER NUMBER
- BRIEF DESCRIPTION OF THE CONTRACT

2(582C-02)

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY) LENGTH: 187-KILOMETER WADH SECTION III (LENGTH: 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH: 104 KILOMETER) - REVISED PC-I,
SECTION-VI: KUCHLAK TO CHAMAN (62.50 KM)

- TENDER VALUE
- ENGINEER's ESTIMATE (for civil works only)
- ESTIMATED COMPLETION PERIOD (AS PER
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Rs. 25,348,954,350.00

Rs. 27,266.608 Million

24 Months

- ADVERTISEMENT

(i) PPRA Website (Federal Agencies)

(If yes, give PPRA tender number and date)

(ii) News Papers

(If yes, give names of newspapers and date)

INCLUDED IN PSDP (2025-26)

Yes	✓	No	*
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Yes	*	No	✓
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Procurement was carried out under PPRA Rule-42(f)
without advertisement

Yes	*	No	✓
-----	---	----	---

Procurement was carried out under PPRA Rule-42(f)
without advertisement

- TENDER OPENED ON (Date and Time)

**Financial Bids submitted on July 02, 2025 at 1100 Hrs
and opened on the same day at 1130 Hrs**

- NATURE OF PURCHASE

- EXTENSION IN DUE DATE (if any)

Procurement of works

Yes	*	No	✓
-----	---	----	---

- NUMBER OF TENDER DOCUMENTS SOLD

**Bid documents were provided to State Owned Entities as
for PPRA Rule-42(f) free of cost**

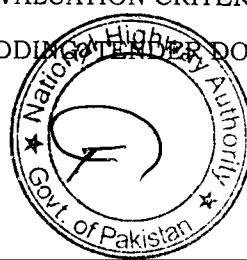
Yes	*	No	✓
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Procurement was carried out through PPRA Rule-42(f) by
inviting State Owned Entities

Yes	✓	No	*
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Procurement was carried out through PPRA Rule-42(f) by
inviting State Owned Entities

INCLUDED IN BIDDING/TENDER DOCUMENTS



► WHICH METHOD OF PROCUREMENT WAS USED:-

(Tick one)

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE

✓
✗
✗
✗

Please specify if any other method of procurement was adopted with brief reasons (i.e. Emergency, direct Contracting, Negotiated Tendering, etc.)

Due to law and order situations in project area as communicated by MOC direct contracting with state owned entities under PPRA Rule-42(f) has been adopted

- WHO IS THE APPROVING AUTHORITY
WHETHER APPROVAL OF COMPETENT AUTHORITY
- WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING
- NUMBER OF BIDS RECEIVED
- WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER
- WHETHER INTEGRITY PACT WAS SIGNED

NHA Executive Board

Yes, approval of NHA Executive Board was obtained (472nd meeting, dated June 16, 2025)

One (01) out of two (02) qualified bidder under PPRA Rule 42(f)

Yes	✓	No	✗
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Yes	✓	No	✗
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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	One (01) out of two (02) qualified bidder under PPRA Rule 42(f)			
► NAME & ADDRESS OF SUCCESSFUL BIDDER	M/s Frontier Works Organization (FWO) 509-Kashimr Road,R.A Bazar, Rawalpindi			
► RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATED BID)	Single evaluated bidder			
► NEED ANALYSIS (Why the procurement was necessary?)	In the interest of public.			
► IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE	...N/A...			
► WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
► DATE OF CONTRACT SIGNING (Attach a copy of agreement)				
► CONTRACT AWARD PRICE	Rs. 25,348,954,350.00			
► WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS (Attach a copy of evaluation report)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Uploaded on PPRA & NHA Websites. (PPRA Ref. No. EV92711, dated 21-08- 2025)			
► ANY COMPLAINTS RECEIVED (If Yes, result thereof)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS (If yes give details)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► 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(582C)/GM (P&CA)/NHA/2025/-4/2

8 August, 2025

Director General

Public Procurement Regulatory Authority (PPRA)
1st Floor. Federal Bank for Cooperatives,
Ataturk Avenue, Sector G-5/2,
Islamabad.

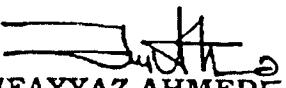
Phone: 051-9205728

**Subject: ANNOUNCEMENT OF FINAL EVALUATION REPORT
(PPRA RULE-35):**

**PROCUREMENT OF DUALIZATION OF KARARO - WADH SECTION
(83-KM) & KUCHLAK - CHAMAN SECTION (104-KM) OF
NATIONAL HIGHWAY (N-25). TOTAL LENGTH: 187-KM),
SECTION-III, VI & VII UNDER PPRA RULE-42(F).**

Ref: - PPRA Rule-35

Please find enclosed herewith the "Final Evaluation Report" pertaining to the procurement of three (03) Sections of subject work in view of the above referred PPRA Rule for uploading on PPRA website at earliest, please.


(FAYYAZ AHMED)
General Manager (P&CA)

Encl: Three (03) Bid Evaluation Reports under PPRA Rule-35

Copy for Kind information to:

- Member (Planning), NHA, Islamabad
- Director (Technical) to Chairman, NHA, Islamabad
- Director (P&CA), Works-III, NHA, Islamabad
- Director (MIS), NHA, Islamabad
- File.

FINAL EVALUATION REPORT
(As per Rule-35 of PP Rules, 2004)

1.	Name of Procuring Agency	National Highway Authority
2.	Method of Procurement	<u>Single Stage - One Envelope Bidding Under PPRA Rule-42(f).</u>
3.	Title of Procurement	Dualization of Kararo - Wadh Section (83-KM) & Kuchlak - Chaman Section (104-KM) of National Highway (N-25), Total Length: 187 KM, Section-VI: (62.50 KM): From Kuchlak to Chaman, From KM: 332+500 to Km: 395+000.
4.	Tender Inquiry No.	2(582C-02)
5.	PPRA Ref No. (TSE)	NIL
6.	Invitation for Bids	June 17, 2025.
7.	Bid Submission Date	July 02, 2025 at 1130 Hours.
8.	Bids Received	One (01) out of Two (02) Qualified State Own Entities.

S.#	Name of Bidder	Technical Evaluation	Evaluated Bid Price (Rs.)	Position
i.	M/s Frontier Works Organization	Qualified	25,348,954,350.00	1 st
ii.	M/s National Logistic Cell Engr.	Qualified	<i>Didn't submit the bid due to its current engagements</i>	—

Most Advantageous Bidder: M/s Frontier Works Organization

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

Further procurement proceedings are subject to approval of revised PC-1 from the competent forum.

Signature: [Signature]

Official Stamp: _____

General Manager (P&CA)
 National Highway Authority
 Islamabad



ISO 9001:2015 Certified

NATIONAL HIGHWAY AUTHORITY

Procurement & Contract Administration Section

28 Mauve Area, G-9/I, Islamabad ☎ 051-9032727, ☎ 051-9260419

Ref: 2(582C-02)/GM (P&CA)/NHA/2025/-445

05th September, 2025

M/s Frontier Works Organization
507, Kashmir Road, RA Bazaar,
Rawalpindi.

Ph: (051) 9271301, email: info@fwo.com.pk.

Attn: **Brig. (Retd) Rahimuddin Ahmad Faruqi**
Authorized Representative

Subject: LETTER OF ACCEPTANCE:

DUALIZATION OF KARARO - WADH SECTION (83 KM) & KUCHLAK - CHAMAN SECTION (104 KM) OF NATIONAL HIGHWAY (N-25), TOTAL LENGTH: 187 KM, (BALOCHISTAN EXPRESSWAY), SECTION-VI: KUCHLAK TO CHAMAN (62.50 KM).

Redesignated as:

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY) LENGTH 187 KILOMETER WADH SECTION III (LENGTH 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH 104 KILOMETER) (REVISED). SECTION-VI: KUCHLAK TO CHAMAN (62.50 KM).

Reference: (i) Your Financial Bid opened on July 02, 2025.
(ii) Decision of NHA Executive Board in its 473rd meeting, dated July 08, 2025.
(iii) Revised Adminstration Approval received vide MOC letter No.. 6(1)/2020-Road-1 dated September 01, 2025.

In accordance with Clause IB – 31 of the "Instructions to Bidders" the undersigned is pleased to inform that Competent Authority has accepted your Bid for an amount of Pak Rs. 25,348,954,350.00 (Pakistani Rupees Twenty-Five Billion, Three Hundred Forty-Eight Million, Nine Hundred Fifty-Four Thousand, Three Hundred and Fifty only).

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.

(SARMAD SAUD AULAKH)
General Manager (P&CA)

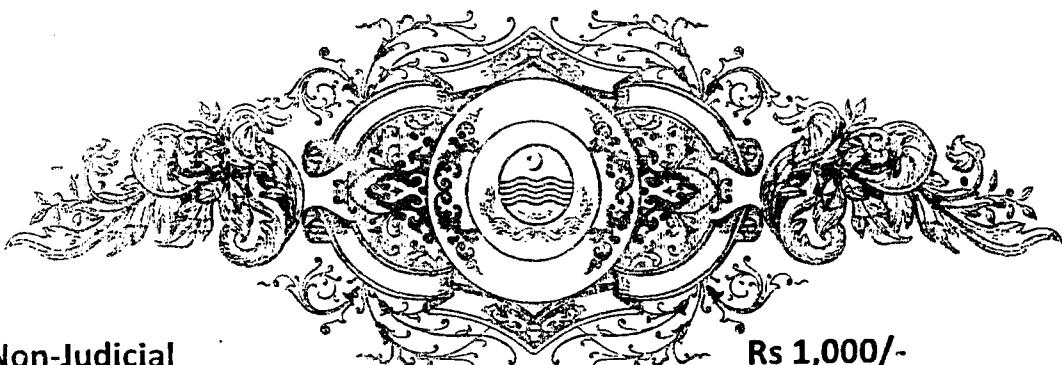
Copy for Kind information to:

- 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.

0787-32030117

E-STAMP

PB-RWP-888C77D61B2621C5



Description	: AGREEMENT OR MEMORANDUM OF AN AGREEMENT - 5(cc)
First Party	: FWO [100000000000]
Second Party	: NHA [100000000000]
Agent	: FARHAT ABBAS SHAH [37405-1444557-3]
Stamp Duty Paid by	: FWO [100000000000]
Issue Date	: 18-Sep-2025, 12:53:31 PM
Paid Through Challan	: 2025430F1E3077D1
Amount in Words	: One Thousand Rupees Only

Please Write Below This Line

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the 26th day of September, 2025 between National Highway Authority, 28 Mauve Area, G-9/1, Islambabad (hereafter called the "Employer" which expression shall include the successors, legal representative, and permitted assignees) of the one part and M/s Frontier Works Organization (FWO), 509-Kashmir Road, R.A Bazar, Rawalpindi. (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 "Dualization of Kararo - Wadh Section (83 KM) & Kuchlak - Chaman Section (104 KM) of National Highway (N-25), Total Length: 187 KM, (Balochistan Expressway), Section-VI: Kuchlak - Chaman (62.5 KM)." redesignated as

"Dualization of Kararo Wadh Section & Khuzdar Chaman of National Highway (N-25) (Pakistan Expressway) Length 187 Kilometer Wadh Section III (Length 83-Kilometer) & Kuchlak Chaman Section (VI & VII) (Length 104-Kilometer) (Revised), Section-VI: Kuchlak - Chaman (62.5 KM)." 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(582C-02)/GM(P&CA)/NHA/2025/-445, dated 05/09/2025.
 - (c) Form of Bid;
 - (d) Addendum/ Corrigendum to Bid (if any);
 - (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 (Specification);
 - (l) NHA General Specifications 1998 and its Addenda;
 - (m) The Drawings;
 - (n) Minutes of NHA Executive Board Meeting & its amendments for compliance.
 - (o) Any other documents regarding this contract.

M. ATHAR IMRAN
Member (Planning)
National Highway Authority
Islamabad



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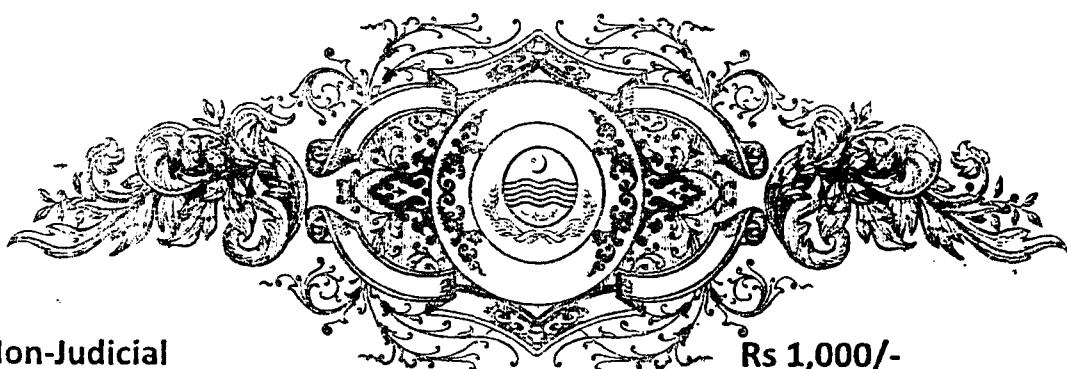
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PAKISTAN GOVERNMENT

G787-32030239

E-STAMP

PB-RWP-CFF1AD9AA14408CA



Non-Judicial

Rs 1,000/-

Description : AGREEMENT OR MEMORANDUM OF AN AGREEMENT - 5(cc)
First Party : FWO [1000000000000]
Second Party : NHA [1000000000000]
Agent : FARHAT ABAB SHAH [37405-1444557-3]
Stamp Duty Paid by : FWO [1000000000000]
Issue Date : 18-Sep-2025, 12:55:21 PM
Paid Through Challan : 2025A93797B3FE54
Amount in Words : One Thousand Rupees Only



Please Write Below This Line

: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)

M. ATHAR IMRAN
Member (Planning)
National Highway Authority
Islamabad

For and behalf of
M/s Frontier Works Organization (FWO),
(509-Kashmir Road, R.A Bazar, Rawalpindi.)
(Contractor)

DIRECTOR Plans
for Director General
by Panimuddin Ahmad Faruqi, (P.G)

Signed, Sealed and Delivered in the presence of:

Witness:

General Manager (P&CA)
National Highway Authority
Islamabad

Witness:

Dr. Lal Ch. Tanveer Mallick

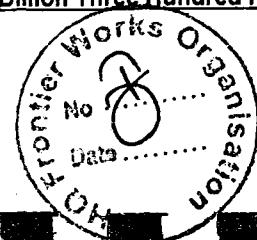
DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

ABSTRACT OF COST

Bill No.	Description	Amount (Rs.)
1	Earth Work	1,270,404,370
2	Sub Base & Base	8,913,347,601
3	Surface Course & Pavement	3,030,077,770
4a	Structures (Slab Culvert & Box Culverts)	2,444,492,838
4b	Structures (Retaining Walls, Breast Walls & Toe Walls)	1,264,658,270
4c	Structures (Bridges Including soil Investigation)	2,515,578,371
5	Drainage And Erosion Works	1,750,236,858
6	Ancillary Works	2,071,211,594
6a	Ancillary Works (Toll Plaza & Allied Works)	435,000,000
7	General Items	251,505,478
8	Additional cost of Expressway	1,402,441,200
Total Amount (Rs)		25,348,954,350

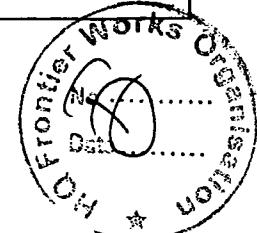
Rupees in Words: Twenty-Five Billion Three Hundred Forty-Eight Million Nine Hundred Fifty-Four Thousand Three Hundred Fifty only

DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 1: EARTHWORK						
101	Clearing and Grubbing	SM	807,488.00	35	Thirty-Five	28,262,080
102a	Removal of Trees 150-300 mm Girth	Each	50.00	1,215	One Thousand Two Hundred Fifteen	60,750
102b	Removal of Trees 301-600 mm Girth	Each	50.00	2,074	Two Thousand Seventy-Four	103,700
102c	Removal of Trees 601mm or over Girth	Each	50.00	5,261	Five Thousand Two Hundred Sixty-One	263,050
104	Compaction of Natural Ground	SM	807,488.00	36	Thirty-Six	29,069,568
106a	Excavate Unsuitable Common Material	CM	225,000.00	470	Four Hundred Seventy	105,750,000
103a	Formation of Embankment from Roadway Excavation in common material	CM	525,000.00	639	Six Hundred Thirty-Nine	335,475,000
108c	Formation of Embankment from Borrow Excavation in common material	CM	875,000.00	700	Seven Hundred	612,500,000
108d	Formation of Embankment from Structural Excavation in common material	CM	27,988.00	419	Four Hundred Nineteen	11,726,972
109a	Subgrade Preparation in Earthcut	SM	584,925.00	190	One Hundred Ninety	111,135,750
SP-117a	Formation of granular material platform	CM	5,000.00	2,284	Two Thousand Two Hundred Eighty-Four	11,420,000
SP-117b	Formation of Earthen Dowels	CM	12,250.00	438	Four Hundred Thirty-Eight	5,365,500
SP-119	Formation of Embankment from Borrow Rock Material	CM	13,200.00	1,460	One Thousand Four Hundred Sixty	19,272,000
					Total Amount (Rs)	1,270,404,370

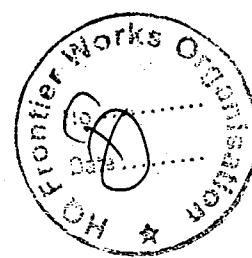


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
BILL NO. 2: SUBBASE & BASE COURSE						
201	Granular Subbase	CM	337,489.00	2,737	Two Thousand Seven Hundred Thirty-Seven	923,707,393
202	Aggregate Base	CM	570,766.00	4,010	Four Thousand Ten	2,288,771,660
203b	Asphaltic Base Course Plant mix (Class B)	CM	164,889.00	33,102	Thirty-Three Thousand One Hundred Two	5,458,155,678
209a	Breaking of Existing Road Pavement Structure	CM	224,748.00	1,000	One Thousand	224,748,000
NSI-III	Re-use of existing pavement structure as subbase material and compact upto 98% MDD.	CM	33,330.00	539	Five Hundred Thirty-Nine	17,964,870
					Total Amount (Rs)	8,913,347,601

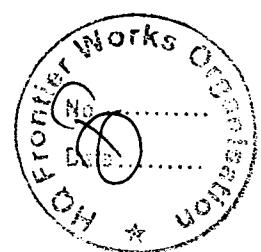


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 3: SURFACE COURSE & PAVEMENT						
302a	Cut back Asphalt for Bituminous Prime Coat	SM	1,196,910.00	216	Two Hundred Sixteen	258,532,560
303a	Cut back Asphalt for Bituminous Tack Coat	SM	2,371,160.00	91	Ninety-One	215,775,560
304c	Triple Surface Treatment	SM	427,460.00	1,120	One Thousand One Hundred Twenty	478,755,200
305a	Asphaltic Concrete for Wearing Course (Class A)	CM	60,990.00	34,055	Thirty-Four Thousand Fifty-Five	2,077,014,450
					Total Amount (Rs)	3,030,077,770

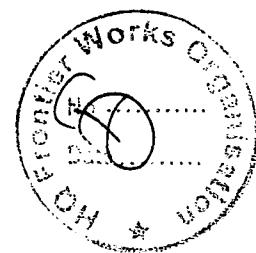


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 4a: STRUCTURES (SLAB CULVERTS)						
107a	Structural Excavation in Common Material	CM	2,590.00	452	Four Hundred Fifty-Two	1,170,680
107d	Granular Backfill	CM	2,555.00	2,737	Two Thousand Seven Hundred Thirty-Seven	6,993,035
401 a3iii	Concrete Class 'A3' (Elevated) : Top Slab & Bed Plate	CM	382.00	33,295	Thirty-Three Thousand Two Hundred Ninety-Five	12,718,690
401b	Concrete Class B	CM	12.00	18,382	Eighteen Thousand Three Hundred Eighty-Two	220,584
401f	Lean Concrete	CM	787.00	15,782	Fifteen Thousand Seven Hundred Eighty-Two	12,420,434
404 b	Reinforcement as per AASHTO M 31 Grade 60.	Tons	67.00	325,448	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	21,805,016
412a	Stone Masonry Dressed Coursed With Mortar	CM	5,130.00	11,866	Eleven Thousand Eight Hundred Sixty-Six	60,872,580
501d	Grouted Riprap Class A	CM	195.00	10,165	Ten Thousand One Hundred Sixty-Five	1,932,175
	Total					118,183,194

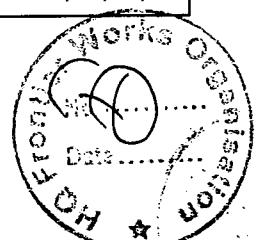


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 4a: STRUCTURES (BOX CULVERTS)						
107a	Structural Excavation in Common Material	CM	19,270.00	452	Four Hundred Fifty-Two	8,710,040
107d	Granular Backfill	CM	22,907.00	2,737	Two Thousand Seven Hundred Thirty-Seven	62,696,459
107e	Common Backfill	CM	12,342.00	481	Four Hundred Eighty-One	5,936,502
401 a2i	Concrete Class A2 (Underground)	CM	432.00	26,615	Twenty-Six Thousand Six Hundred Fifteen	11,497,680
401 a2ii	Concrete Class A2 (On ground)	CM	6,811.00	26,375	Twenty-Six Thousand Three Hundred Seventy-Five	179,640,125
401 a3ii	Concrete Class A3 (On ground)	CM	5,108.00	27,789	Twenty-Seven Thousand Seven Hundred Eighty-Nine	141,946,212
401 a3iii	Concrete Class A3 (Elevated)	CM	12,038.00	33,295	Thirty-Three Thousand Two Hundred Ninety-Five	400,805,210
401f	Lean Concrete	CM	3,625.00	15,782	Fifteen Thousand Seven Hundred Eighty-Two	57,209,750
404b	Reinforcement as per AASHTO M-31 Grade-60	Ton	4,019.00	325,448	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	1,307,975,512
406a	Premoulded Joint Filler 25mm Thick with Bitumastic Joint Seal	SM	1,862.00	5,256	Five Thousand Two Hundred Fifty-Six	9,786,672
406dii	PVC Water Stop 9" Size	M	4,324.00	3,593	Three Thousand Five Hundred Ninety-Three	15,536,132
509d	Grouted Rip Rap Class A	CM	2,544.00	11,392	Eleven Thousand Three Hundred Ninety-Two	28,981,248
509 b	Riprap Class B	CM	8,453.00	5,529	Five Thousand Five Hundred Twenty-Nine	46,736,637
509 h	Filter Layer of Granular Material	CM	1,271.00	3,783	Three Thousand Seven Hundred Eighty-Three	4,808,193
401b	Concrete Class B	CM	2,396.00	18,382	Eighteen Thousand Three Hundred Eighty-Two	44,043,272
	Total					2,326,309,644

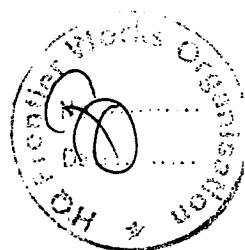


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 4b: Structures (Retaining Walls, Breast Walls & Toe Walls)						
107a	Structural Excavation in Common Material	CM	25,619.00	452	Four Hundred Fifty-Two	11,579,788
401a3ii	Concrete Class A3 (on ground)	CM	1,720.40	27,789	Twenty-Seven Thousand Seven Hundred Eighty-Nine	47,808,196
401a3iii	Concrete Class A3 (Elevated)	CM	3,511.20	33,295	Thirty-Three Thousand Two Hundred Ninety-Five	116,905,404
401b	Concrete Class B	CM	2,934.80	18,382	Eighteen Thousand Three Hundred Eighty-Two	53,947,494
401f	Lean Concrete	CM	4,807.00	15,782	Fifteen Thousand Seven Hundred Eighty-Two	75,864,074
401h	Plum (Cyclopean / Rubble) Concrete (2:1 Conc.Stone Ratio)	CM	43,422.50	15,428	Fifteen Thousand Four Hundred Twenty-Eight	669,922,330
404b	Reinforcement as per AASHTO M 31 Grade 60.	Tons	784.74	325,448	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	255,392,064
411b	Stone Masonary Random with Mortar	CM	2,860.00	11,622	Eleven Thousand Six Hundred Twenty-Two	33,238,920
					Total Amount (Rs)	1,264,658,270



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
	Bill No. 4c: Structures (Bridges)					
107a	Structural Excavation in Common Material	CM	3,184.00	452	Four Hundred Fifty-Two	1,439,168
107d	Granular Backfill	CM	3,184.00	2,737	Two Thousand Seven Hundred Thirty-Seven	8,714,608
107e	Common Backfill	CM	4,941.00	481	Four Hundred Eighty-One	2,376,621
401 a2ii	Concrete Class 'A2' (ON GROUND) Approach Slab, Barrier	CM	1,206.00	26,375	Twenty-Six Thousand Three Hundred Seventy-Five	31,808,250
401 a3iii	Concrete Class 'A3' (ELEVATED) Pier, Transom, Deck Slab, Diaphragm & Wing Walls	CM	6,770.00	33,295	Thirty-Three Thousand Two Hundred Ninety-Five	225,407,150
401 a3i	Concrete Class 'A3' (UNDERGROUND) Piles	CM	9,101.00	29,815	Twenty-Nine Thousand Eight Hundred Fifteen	271,346,315
401 giv	Precast Concrete Class D1	CM	3,548.00	36,017	Thirty-Six Thousand Seventeen	127,788,316
401 f	Lean Concrete	CM	145.00	15,782	Fifteen Thousand Seven Hundred Eighty-Two	2,288,390
404 b	Reinforcement as per AASHTO M 31 Grade 60.	Tons	3,506.00	325,448	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	1,141,020,688
404 h	Reinforcement (Structural Shapes) as per ASTM A-36.	Tons	13.00	425,751	Four Hundred Twenty-Five Thousand Seven Hundred Fifty-One	5,534,763
405 a	Prestressing Wire Strand, 3/8" - 1/2" dia. Complete in all respects	Tons	177.00	810,599	Eight Hundred Ten Thousand Five Hundred Ninety-Nine	143,476,023
405 b	Launching of Girder	Tons	8,528.00	2,729	Two Thousand Seven Hundred Twenty-Nine	23,272,912
406 ei	Elastomeric Bearing Pads (According to size & thickness) USA/EU Make	Cu.cm	2,059,200.00	9	Nine	18,532,800
407 d1	Cast-in place concrete piles, upto 1.00 M dia in Normal Soil (Boring only)	LM	2,000.00	11,960	Eleven Thousand Nine Hundred Sixty	23,920,000
407 d2	Cast-in place concrete piles, upto 1.00 M dia in Gravel Soil (Boring only)	LM	1,630.00	14,270	Fourteen Thousand Two Hundred Seventy	23,260,100
407 d3	Cast-in place concrete piles, 1.1 - 1.5 M dia in Normal Soil (Boring only)	LM	2,696.00	24,669	Twenty-Four Thousand Six Hundred Sixty-Nine	66,507,824
407 d4	Cast-in place concrete piles, 1.1 - 1.5 M dia in Gravel Strata(Boring only)	LM	1,797.00	34,449	Thirty-Four Thousand Four Hundred Forty-Nine	61,904,663
407 i	Pile Load Test for dia 1 - 1.5 M (2.5 times Design Load)	Each	15.00	5,403,694	Five Million Four Hundred Three Thousand Six Hundred Ninety-Four	81,055,410
407 n	Proof Load Test on Working pile (1.5 times Design Load)	Each	15.00	1,200,000	One Million Two Hundred Thousand	18,000,000

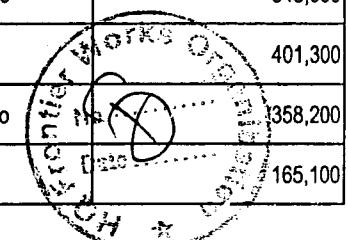


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
407 n	Permanent Pile casing (liner 12 mm Thick) for piles	Tons	226.00	495,000	Four Hundred Ninety-Five Thousand	111,870,000
509 d	Grouted Rip Rap Class A	CM	5,576.00	11,392	Eleven Thousand Three Hundred Ninety-Two	63,521,792
509 h	Filter Layer of Granular Material	CM	2,788.00	3,783	Three Thousand Seven Hundred Eighty-Three	10,547,004
SP-417(a)	Sonic Integrity Tests (SIT) on all Piles	Each	248.00	10,000	Ten Thousand	2,480,000
SP-417	Manufactured Trade Marks expansion joints for roadway (25 ~ 30) mm movement	M	732.00	44,000	Forty-Four Thousand	32,208,000
SP-418	GI Drain Pipe Dia 100 mm	M	314.00	3,031	Three Thousand Thirty-One	951,734
					Total Amount (Rs)	2,499,232,521
Bill No. 4c(i): Structures (Soil Investigation for Bridges)						
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	750.00	9,000	Nine Thousand	6,750,000
SP-414(b)	Perform SPT at 1 m interval i/c collection, preservation & Transportation of disturbed samples to an approved Laboratory.	No.	225.00	728	Seven Hundred Twenty-Eight	163,800
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 boxes, 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	100.00	6,575	Six Thousand Five Hundred Seventy-Five	657,500
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.	100.00	5,548	Five Thousand Five Hundred Forty-Eight	554,800
SP-414(d)	Performance of FDT in test pits through sand replacement method i/c moisture content determination.	No.	250.00	1,392	One Thousand Three Hundred Ninety-Two	348,000
SP-414(e)	Excavation of testpits upto 1.5 m depth along road alignment including backfilling of pits to original condition.	M	100.00	4,013	Four Thousand Thirteen	401,300
SP-414(f)	Collection of undisturbed block samples from test pits at appropriate location as directed by the Engineer.	No.	100.00	3,582	Three Thousand Five Hundred Eighty-Two	358,200
SP-414(f1)	Collection of composite bulk sample (atleast 60 kg for sandy/clayey soils and 120 kg for gravelly soils).	No.	100.00	1,651	One Thousand Six Hundred Fifty-One	165,100

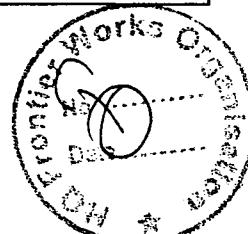


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item 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.	100.00	914	Nine Hundred Fourteen	91,400
SP-414(h) i.	Laboratory Testing Grain size analysis.	No.	75.00	728	Seven Hundred Twenty-Eight	54,600
ii.	Hydrometer analysis.	No.	75.00	906	Nine Hundred Six	67,950
iii.	Atterberg limits	No.	75.00	906	Nine Hundred Six	67,950
iv.	Specific gravity	No.	75.00	906	Nine Hundred Six	67,950
v.	Natural moisture content	No.	75.00	176	One Hundred Seventy-Six	13,200
vi.	Bulk density & Dry density (Soil/rock cores)	No.	75.00	499	Four Hundred Ninety-Nine	37,425
vii.	Direct shear test	No.	75.00	3,576	Three Thousand Five Hundred Seventy-Six	268,200
viii.	Consolidation test (collapse/swell potential)	No.	75.00	4,392	Four Thousand Three Hundred Ninety-Two	329,400
ix.	Unconfined compression test (Soil/rock cores)	No.	75.00	1,043	One Thousand Forty-Three	78,225
x.	Chemical analysis of soil	No.	75.00	2,465	Two Thousand Four Hundred Sixty-Five	184,875
xi.	Chemical analysis of water	No.	75.00	2,465	Two Thousand Four Hundred Sixty-Five	184,875
xii.	Submission of Investigation Report (triplicate)	No.	75.00	68,694	Sixty-Eight Thousand Six Hundred Ninety-Four	5,152,050
xiii.	CBR	No.	75.00	2,642	Two Thousand Six Hundred Forty-Two	198,150
xvi.	Modified Proctor Test	No.	75.00	2,012	Two Thousand Twelve	150,900
					Total Amount (Rs)	16,345,850

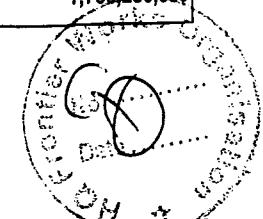


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 5: DRAINAGE & EROSION WORKS						
401a1ii	Concrete Class A-1 (On Ground) for Chutes, Ducts (Services Crossing) & Drain	CM	10,288.00	25,374	Twenty-Five Thousand Three Hundred Seventy-Four	261,047,712
401b	Concrete Class B	CM	4,950.00	18,382	Eighteen Thousand Three Hundred Eighty-Two	90,990,900
401f	Lean Concrete	CM	9,669.00	15,782	Fifteen Thousand Seven Hundred Eighty-Two	152,596,158
404b	Reinforcement as per AASHTO M-31 Grade 60	Ton	1,029.00	325,448	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	334,885,992
412a	Stone Masonary Dressed Coursed With Mortar	CM	15,226.00	11,866	Eleven Thousand Eight Hundred Sixty-Six	180,671,716
501e	Reinforced Concrete Pipe AASHTO M 170,Class II diameter 760 mm	M	1,650.00	17,898	Seventeen Thousand Eight Hundred Ninety-Eight	29,531,700
501f	Reinforced Concrete Pipe AASHTO M 170,Class II diameter 910 mm	M	2,607.00	23,974	Twenty-Three Thousand Nine Hundred Seventy-Four	62,500,218
502b	Concrete Class B in bedding and Encasement of Concrete Pipe Culvert	CM	4,136.00	23,182	Twenty-Three Thousand One Hundred Eighty-Two	95,880,752
507a	Steel Wire Mesh for Gabions	Kg	88,995.00	535	Five Hundred Thirty-Five	47,612,325
507b	Rock Fill in Gabions	CM	8,899.00	3,553	Three Thousand Five Hundred Fifty-Three	31,618,147
510	Dismantling of Structures and Obstructions	CM	3,000.00	2,919	Two Thousand Nine Hundred Nineteen	8,757,000
511b2	Grouted Stone Pitching 20-25 cm Thick with Bitumen Joints	SM	101,970.00	4,335	Four Thousand Three Hundred Thirty-Five	442,039,950
SP-501	Supplying & Installation of uPVC Pipe 100/150 mm dia	M	5,544.00	1,552	One Thousand Five Hundred Fifty-Two	8,604,288
SP-502	Relocation of Unlined Watercourse	SM	1,000.00	500	Five Hundred	500,000
SP-503	Relocation of Brick Lined Watercourse	SM	2,000.00	1,500	One Thousand Five Hundred	3,000,000
					Total Amount (Rs)	1,750,236,858

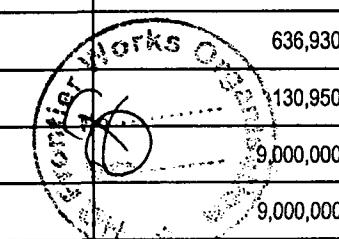


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 6: ANCILLARY WORKS						
401f	Lean Concrete	CM	5,754.00	15,782	Fifteen Thousand Seven Hundred Eighty-Two	90,809,628
601ai	RCC New Jersey Barrier (In Situ) for Median Double Face (including reinforcement)	M	62,500.00	17,687	Seventeen Thousand Six Hundred Eighty-Seven	1,105,437,500
601a(ii)	RCC New Jersey Barrier (In Situ) as per drawings ; Single face (including reinforcement)	M	9,000.00	13,734	Thirteen Thousand Seven Hundred Thirty-Four	123,606,000
601d(ii)	Pre-cast Curb in Concrete Class A-1 including bedding and haunching as per drawings	M	151,360.00	2,780	Two Thousand Seven Hundred Eighty	420,780,800
604a	Metal Guard Rail	M	12,276.00	9,921	Nine Thousand Nine Hundred Twenty-One	121,790,196
604b	Metal Guard Rail End Pieces	Each	123.00	9,940	Nine Thousand Nine Hundred Forty	1,222,620
604d	Steel Post for Metal Guard Rail	Each	6,461.00	11,684	Eleven Thousand Six Hundred Eighty-Four	75,490,324
607a	Traffic Road Signs, Category -1	Each	150.00	33,472	Thirty-Three Thousand Four Hundred Seventy-Two	5,020,800
607b	Traffic Road Signs, Category - 2	Each	150.00	40,376	Forty Thousand Three Hundred Seventy-Six	6,056,400
607e	Traffic Road Signs, Category - 3c	SM	300.00	59,165	Fifty-Nine Thousand One Hundred Sixty-Five	17,749,500
608h2	Pavement Marking in Reflective TP Paint of 15 cm Width	M	348,344.00	209	Two Hundred Nine	72,803,896
608j2	Pavement Marking in Reflective TP Paint for 4m Arrows	Each	15.00	2,390	Two Thousand Three Hundred Ninety	35,850
609ci	Reflectorised Plastic Pavement Studs ,(Raised Profile Type - Single)	Each	21,164.00	550	Five Hundred Fifty	11,640,200
610c	Kilometer Post	Each	63.00	10,110	Ten Thousand One Hundred Ten	636,930
SP-504	Delineators/Angle Reflector	Each	291.00	450	Four Hundred Fifty	130,950
SP-601a	Gantry Sign Type -I as shown on drawings	Each	3.00	3,000,000	Three Million	9,000,000
NSI-VII	Providing & Installation of Pedestrian Bridge, Complete in all respect as per drawings and specifications.	Each	6.00	1,500,000	One Million Five Hundred Thousand	9,000,000
					Total Amount (Rs)	2,071,211,594



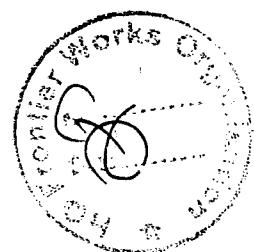
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 6a: ANCILLARY WORKS (TOLL PLAZA & ALLIED WORKS)						
-	08-Lane 01 Nos.Toll Plaza at Qilla Abdullah including 20 Nos. toll booth complete in all respect, Complete structure steel canopy at each location, complete lighting arrangement for canopy area and lights with light poles (single arm/double arm) using BALOCHISTAN cable/Fast Cable/Newage (3 cores & 4 cores), feeder pillars, main & sub distribution panels, earthing etc. complete in all respect. Transformer 100 KV at each location. 01 Nos. Admin building, single story with light fixtures with cables, light & power plugs, plumbing, sanitation, overhead tank etc. complete in all respect. 01 Nos Generator room (100 sft at each location) and generator Volvo/Caterpillar make (100 KV at each location), exhaust fans, lighting arrangement.	PS	-	400,000,000	Four Hundred Million	400,000,000
-	Weigh Station Building (01 Nos.),complete in all Respect.	PS	-	15,000,000	Fifteen Million	15,000,000
-	Weighing Equipment (01 Nos.), complete in all Respect.	PS	-	20,000,000	Twenty Million	20,000,000
					Total Amount (Rs)	435,000,000

Note: Toll plaza and its allied works are incorporated on provisional sum basis. Contractor shall visit the respective sites and prepare adequate shop drawings of all activities involved in the execution of the toll plaza 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.



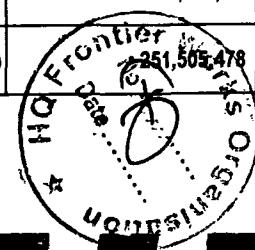
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VI (KM 332+500 ~ KM 395+000)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 7: GENERAL ITEMS						
Sp-701 (a)	Provide Surveying & allied instruments	PS	-	2,000,000	two million	2,000,000
Sp-701 (b)	Maintain Survey Instruments, provide vehicle, Survey Team & helpers	Month	24.00	2,297,536	Two Million Two Hundred Ninety-Seven Thousand Five Hundred Thirty-Six	55,140,864
Sp-702 a	Provide the Employer's and Engineer's Representative's Office & Residence (on rental basis)	PS	-	5,000,000	Five million	5,000,000
Sp-702b	Furnish and Equip. Employer's & Engineer's Representative office & Residence.	PS	-	5,000,000	Five million	5,000,000
Sp-702c	Maintain Employer's and Engineer's Representative office & Residence.	Month	24.00	1,650,000	One Million Six Hundred Fifty Thousand	39,600,000
Sp-703a	Provide Material Testing Project Laboratory (rental basis)	PS	-	3,500,000	Three million five hundred thousand	3,500,000
Sp-703b	Equip & Furnish Material Testing Project Laboratory.	PS	-	5,000,000	five million	5,000,000
Sp-703c	Maintain Material Testing Project Laboratory including provision 04 helpers	Month	24.00	1,045,000	One Million Forty-Five Thousand	25,080,000
Sp-708a	Provide Employer's Representative's Transport (i) Toyota Revo	Each	1.00	16,075,917	Sixteen Million Seventy-Five Thousand Nine Hundred Seventeen	16,075,917
	(ii) Toyota Single Cabin	Each	1.00	10,671,507	Ten Million Six Hundred Seventy-One Thousand Five Hundred Seven	10,671,507
Sp-708b	Provide Engineer's Representative Transport (i) Toyota Revo	Each	1.00	16,075,917	Sixteen Million Seventy-Five Thousand Nine Hundred Seventeen	16,075,917
	(ii) Toyota Single Cabin	Each	3.00	10,671,507	Ten Million Six Hundred Seventy-One Thousand Five Hundred Seven	32,014,521
Sp-708c	Running & Maintenance of Employer's / Engineer's Representative's Transport	Vehicle-Month	192.00	159,306	One Hundred Fifty-Nine Thousand Three Hundred Six	30,586,752
NSI-IV	Employing Trainee Engineer's with Boarding, Lodging and messing	Man-Month	96.00	60,000	Sixty Thousand	5,760,000
					Total Amount (Rs)	

Note: The purchase of the vehicle will be subject to clearance from the Austerity Committee

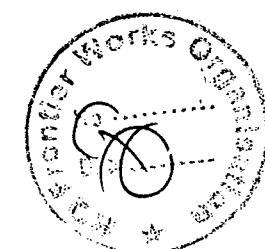


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)
Package VI

BILL OF QUANTITIES

BILL NO. 8 FACILITIES

Item No.	Item Description	Unit	Qty	Rate (Rs)		Amount (Rs)
				In Figures	In words	
611a	Galvanized Wire Mesh Fence 1500 mm High With Precast Prestressed R.C.C Post Completer in All Respect as per M2 Standard	M	136,400.00	5,883.00	Five Thousand Eight Hundred Eighty-Three	802,441,200
NSI	Pedestrian Bridge (6x Locations)	P.S		600,000,000	six hundred million	600,000,000
	TOTAL (BILL NO. 08)					1,402,441,200



Declaration of Ultimate Beneficial Owners Information for Public Procurement Contracts
Contract No= 2 (S82C-c2)

1. Name Frontier Works Organization (FWO)
2. Father's Name/Spouse's Name Not Applicable
3. CNIC/NICOP/Passport no. Not Applicable
4. Nationality Pakistani
5. Residential address 5c9, Kashmic Rd, RA Bazaar Rawalpindi
6. Email address dcoplans@fwo.com.pk
7. Date on which shareholding, control or interest acquired in the business. Not Applicable
8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entities or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided:

1	2	3	4	5	6	7	8	9	10
Name	Legal form (Company/Limited Liability Partnership/Association of Persons/Single Member Company/ Partnership Firm/ Trust/Any other individual, body corporate (to be specified))	Date of incorporation/ registration	Name of registering authority	Business Address	Country	Email address	Percentage of shareholding, control or Interest of BO in the legal person or legal arrangement	Percentage of shareholding, control or Interest of legal person or legal arrangement in the Company	Identity of Natural Person who ultimately owns or controls the legal person or arrangement
	Government Owned Entity	1991-77013	1	Frontier Works Organization Rawalpindi Pak	Pak	N/A	N/A	N/A	

9. Information about the Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names).

1	2	3	4	5	6	7	8
Name and surname (In Block Letters)	CNIC No. (in case of foreigner, Passport No.)	Father's/ Husband's Name in full	Current Nationality	Any other Nationality (ies)	Occupation	Residential address in full or the registered/ principal office address for a subscriber other than natural person	Number of shares taken by each subscriber (in figures and words)
N/A							
Total number of shares taken (in figures and words)							

10. Any other information incidental to or relevant to Beneficial Owner(s).

Name & signature
(Person authorized to make declaration on behalf of the company)
**Director Plans
for Director General
Brig Rahimuddin Ahmad Faruqi, (Retd)**

**DUALIZATION OF KARARO - WADI SECTION (83-KM) & KUCHLAK - CHAMAN SECTION (104-KM) OF NATIONAL HIGHWAY (N-25), (LENGTH: 187-KM). (Balochistan Expressway).
SECTION-VI: Kuchlak To Chaman 332+500 TO KM: 395+000.**



Section – VII

KUCHLAK – CHAMAN (17.5 KM), N-25

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
- FEDERAL/PROVINCIAL GOVT/OTHERS

National Highway Authority

Federal Govt (Autonomous Body)

- TITLE OF CONTRACT

DUALIZATION OF KARARO WADH SECTION & KHUZZAR CHAMAN OF NATIONAL HIGHWAY (N-25)
(PAKISTAN EXPRESSWAY)

LENGTH: 187 KILOMETER WADH SECTION III
(LENGTH: 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH: 104 KILOMETER) - REVISED PC-I,
SECTION-VII: KUCHLAK TO CHAMAN (17.5 KM)

2(582C-03)

- TENDER NUMBER
- BRIEF DESCRIPTION OF THE CONTRACT

DUALIZATION OF KARARO WADH SECTION & KHUZZAR CHAMAN OF NATIONAL HIGHWAY (N-25)

(PAKISTAN EXPRESSWAY)
LENGTH: 187 KILOMETER WADH SECTION III
(LENGTH: 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH: 104 KILOMETER) - REVISED PC-I,
SECTION-VII: KUCHLAK TO CHAMAN (17.5 KM)

- TENDER VALUE

Rs. 40,117,338,135.00

- ENGINEER's ESTIMATE (for civil works only)
- ESTIMATED COMPLETION PERIOD (AS PER
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Rs. 37,012.240 Million

24 Months

- ADVERTISEMENT

- (i) PPRA Website (Federal Agencies)

(If yes, give PPRA tender number and date)

- (ii) News Papers

(If yes, give names of newspapers and date)

- TENDER OPENED ON (Date and Time)

Financial Bids submitted on July 03, 2025 at 1100 Hrs and opened on the same day at 1130 Hrs

- NATURE OF PURCHASE

- EXTENSION IN DUE DATE (if any)

Procurement of works

- NUMBER OF TENDER DOCUMENTS SOLD

Bid documents were provided to State Owned Entities as for PPRA Rule-42(f) free of cost

- WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS

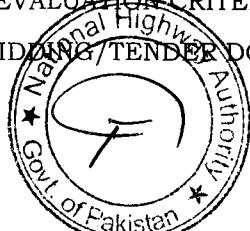
Yes x No ✓

- WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS

Procurement was carried out through PPRA Rule-42(f) by inviting State Owned Entities

Yes ✓ No x

Procurement was carried out through PPRA Rule-42(f) by inviting State Owned Entities



► WHICH METHOD OF PROCUREMENT WAS USED:-

(Tick one)

✓
✗
✗
✗

a) SINGLE STAGE - ONE ENVELOPE PROCEDURE

b) SINGLE STAGE - TWO ENVELOPE PROCEDURE
c) TWO STAGE BIDDING PROCEDURE
d) TWO STAGE - TWO ENVELOPE BIDDING
PROCEDURE

Please specify if any other method of procurement was

- adopted with brief reasons (i.e. Emergency, direct Contracting, Negotiated Tendering, etc.)

- WHO IS THE APPROVING AUTHORITY

WHETHER APPROVAL OF COMPETENT AUTHORITY

- WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING

- NUMBER OF BIDS RECEIVED

- WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER

- WHETHER INTEGRITY PACT WAS SIGNED

Due to law and order situations in project area as communicated by MOC direct contracting with state owned entities under PPRA Rule-42(f) has been adopted

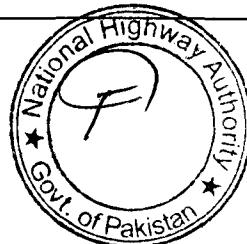
NHA Executive Board

Yes, approval of NHA Executive Board was obtained (472nd meeting, dated June 16, 2025)

One (01) out of two (02) qualified bidder under PPRA Rule 42(f)

Yes	✓	No	✗
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Yes	✓	No	✗
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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	One (01) out of two (02) qualified bidder under PPRA Rule 42(f)			
► NAME & ADDRESS OF SUCCESSFUL BIDDER	M/s Frontier Works Organization (FWO) 509-Kashimr Road,R.A Bazar, Rawalpindi			
► RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1st, 2nd, 3rd EVALUATED BID)	Single evaluated bidder			
► NEED ANALYSIS (Why the procurement was necessary?)	In the interest of public.			
► IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE	...N/A...			
► WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► DATE OF CONTRACT SIGNING (Attach a copy of agreement)				
► CONTRACT AWARD PRICE	Rs. 40,117,338,135.00			
► WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS (Attach a copy of evaluation report)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Uploaded on PPRA & NHA Websites. (PPRA Ref. No. EV92712, dated 21-08- 2025)			
► ANY COMPLAINTS RECEIVED (If Yes, result thereof)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS (If yes give details)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>
► 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(582C)/GM (P&CA)/NHA/2025/-4/2

8 August, 2025

Director General

Public Procurement Regulatory Authority (PPRA)
1st Floor, Federal Bank for Cooperatives,
Ataturk Avenue, Sector G-5/2,
Islamabad.

Phone: 051-9205728

**Subject: ANNOUNCEMENT OF FINAL EVALUATION REPORT
(PPRA RULE-35):**

**PROCUREMENT OF DUALIZATION OF KARARO - WADH SECTION
(83-KM) & KUCHLAK - CHAMAN SECTION (104-KM) OF
NATIONAL HIGHWAY (N-25). TOTAL LENGTH: 187-KM),
SECTION-III, VI & VII UNDER PPRA RULE-42(F).**

Ref: - PPRA Rule-35

Please find enclosed herewith the "Final Evaluation Report" pertaining to the procurement of three (03) Sections of subject work in view of the above referred PPRA Rule for uploading on PPRA website at earliest, please.


(FAYYAZ AHMED)
General Manager (P&CA)

Encl: Three (03) Bid Evaluation Reports under PPRA Rule-35

Copy for Kind information to:

- Member (Planning), NHA, Islamabad
- Director (Technical) to Chairman, NHA, Islamabad
- Director (P&CA), Works-III, NHA, Islamabad
- Director (MIS), NHA, Islamabad
- File.

FINAL EVALUATION REPORT
(As per Rule-35 of PP Rules, 2004)

1.	Name of Procuring Agency	National Highway Authority
2.	Method of Procurement	<u>Single Stage - One Envelope Bidding Under PPRA Rule-42(f).</u>
3.	Title of Procurement	Dualization of Kararo - Wadh Section (83-KM) & Kuchlak - Chaman Section (104-KM) of National Highway (N-25), Total Length: 187 KM, Section-VII: (17.50 KM): From Kuchlak to Chaman, From KM: 395+000 to Km: 412+500.
4.	Tender Inquiry No.	2(582C-02)
5.	PPRA Ref No. (TSE)	NIL
6.	Invitation for Bids	June 17, 2025.
7.	Bid Submission Date	July 02, 2025 at 1130 Hours.
8.	Bids Received	One (01) out of Two (02) Qualified State Own Entities.

S.#	Name of Bidder	Technical Evaluation	Evaluated Bid Price (Rs.)	Position
i.	M/s Frontier Works Organization	Qualified	40,117,338,135.00	1 st
ii.	M/s National Logistic Cell Engr.	Qualified	<i>Didn't submit the bid due to its current engagements</i>	—

Most Advantageous Bidder: M/s Frontier Works Organization

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

Further procurement proceedings are subject to approval of revised PC-1 from the competent forum.

Signature: [Signature]

Official Stamp: _____

General
National Highway Authority
Islamabad

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(582C-03)/GM (P&CA)/NHA/2025/-444

5 September, 2025

M/s Frontier Works Organization
507, Kashmir Road, RA Bazaar,
Rawalpindi.

Ph: (051) 9271301, email: info@fwo.com.pk.

Attn: **Brig. (Retd) Rahimuddin Ahmad Faruqi**
Authorized Representative

Subject: **LETTER OF ACCEPTANCE:**
DUALIZATION OF KARARO - WADH SECTION (83 KM) & KUCHLAK CHAMAN SECTION (104 KM) OF NATIONAL HIGHWAY (N-25), TOTAL LENGTH: 187 KM. (BALOCHISTAN EXPRESSWAY), SECTION-VII: KUCHLAK TO CHAMAN (17.50 KM).

Redesignated as:

DUALIZATION OF KARARO WADH SECTION & KHUZDAR CHAMAN OF NATIONAL HIGHWAY (N-25) (PAKISTAN EXPRESSWAY) LENGTH 187 KILOMETER WADH SECTION III (LENGTH 83 KILOMETER) & KUCHLAK CHAMAN SECTION (VI & VII) (LENGTH 104 KILOMETER) (REVISED). SECTION-VII: KUCHLAK TO CHAMAN (17.50 KM).

Reference: (i) Your Financial Bid opened on July 02, 2025.
(ii) Decision of NHA Executive Board in its 473rd meeting, dated July 08, 2025.
(iii) Revised Administartion Approval received vide MOC letter No.. 6(1)/2020-Road-1 dated September 01, 2025.

In accordance with Clause IB – 31 of the "Instructions to Bidders" the undersigned is pleased to inform that Competent Authority has accepted your Bid for an amount of Pak Rs. **40,117,338,135.00** (Pakistani Rupees Forty Billion, One Hundred Seventeen Million, Three Hundred Thirty-Eight Thousand, One Hundred and Thirty-Five only).

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.

(SARMAD SAUD AULAKH)
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.

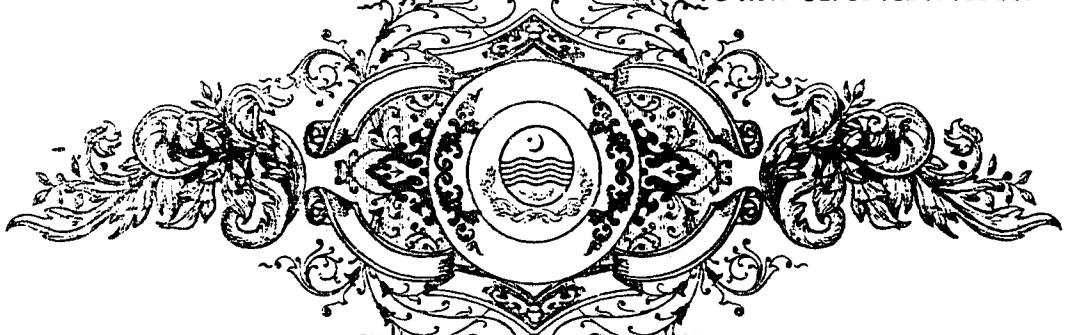
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PUNJAB GOVERNMENT

E-STAMP

0014-32014419

PB-RWP-31FCB4CD0FOEDECB

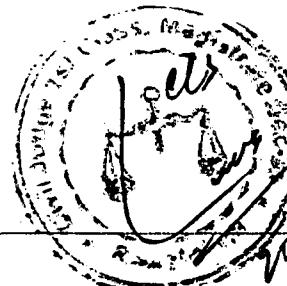


Non-Judicial

Rs 1,000/-

Description	: AGREEMENT OR MEMORANDUM OF AN AGREEMENT - 5(cc)
First Party	: FWO [100000000000]
Second Party	: NHA [100000000000]
Agent	: FARHAT ABBAS SHAH [37405-1444557-3]
Stamp Duty Paid by	: FWO [100000000000]
Issue Date	: 17-Sep-2025, 12:35:01 PM
Paid Through Challan	: 2025F277D7EBB1SE
Amount in Words	: One Thousand Rupees Only

Please Write Below This Line

CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the 26th day of September 2025 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 Frontier Works Organization (FWO), 509-Kashmir Road, R.A Bazar, Rawalpindi. (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 "Dualization of Kararo - Wadh Section (83 KM) & Kuchlak - Chaman Section (104 KM) of National Highway (N-25), Total Length: 187 KM, (Balochistan Expressway), Section-VII: Kuchlak - Chaman (17.5 KM)." redesignated as

"Dualization of Kararo Wadh Section & Khuzdar Chaman of National Highway (N-25) (Pakistan Expressway) Length 187 Kilometer Wadh Section III (Length 83-Kilometer) & Kuchlak Chaman Section (VI & VII) (Length 104-Kilometer) (Revised), Section-VII: Kuchlak - Chaman (17.5 KM)." 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(582C-03)/GM(P&CA)/NHA/2025/-444, dated 05/09/2025.
 - (c) Form of Bid;
 - (d) Addendum/ Corrigendum to Bid (if any);
 - (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 (Specification);
 - (l) NHA General Specifications 1998 and its Addenda;
 - (m) The Drawings;
 - (n) Minutes of NHA Executive Board Meeting & its amendments for compliance.
 - (o) Any other documents regarding this contract.

M. ATHAR IMRAN
Member (Planning)
National Highway Authority
Islamabad



X988858

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E-STAMP

0014-32014327

PB-RWP-9A307285BD7FCD2D

Non-Judicial

Rs 1,000/-

Description : AGREEMENT OR MEMORANDUM OF AN AGREEMENT - 5(cc)
 First Party : FWO [100000000000]
 Second Party : NHA [100000000000]
 Agent : FARHAT ABBAS SHAH [37405-1444557-3]
 Stamp Duty Paid by : FWO [100000000000]
 Issue Date : 17-Sep-2025, 12:36:31 PM
 Paid Through Challan : 2025F049C0E7995D
 Amount in Words : One Thousand Rupees Only

Please Write Below This Line

: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)

M. ATHAR IMRAN
 Member (Planning)
National Highway Authority
 Islamabad

Signed, Sealed and Delivered in the presence of:

Witness:

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

For and behalf of
M/s Frontier Works Organization (FWO).
 (509-Kashmir Road, R.A Bazar, Rawalpindi.)
 (Contractor)

Director Plans
 for Director General
 Eng. Karimuddin Ahmad Faruqi, (Rtd)

Witness:

Tanveer
dpl(R) Tanveer Malma



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

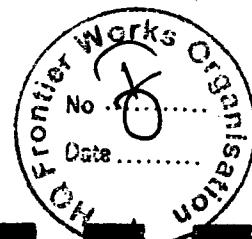
SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

SUMMARY OF BILLS

Bill No.	Description	Amount (Rs.)
1	Earth Work	2,693,100,812
2	Sub Base & Base	2,745,949,995
3	Surface Course & Pavement	893,205,384
4a	Structures (Box Culverts)	623,009,584
4b	Structures (Retaining Walls, Breast Walls & Toe Walls)	3,900,603,434
4e	Structures (Khojak Tunnel)	26,815,495,714
5	Drainage And Erosion Works	571,599,971
6	Ancillary Works	576,079,763
7	General Items	251,505,478
8	Additional cost of Expressway	1,046,788,000
	Total	40,117,338,135

Rupees in Words: Forty Billion One Hundred Seventeen Million Three Hundred Thirty-Eight Thousand One Hundred Thirty-Five

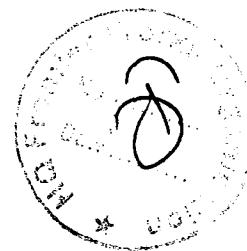


DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 1: EARTHWORK						
101	Clearing and Grubbing	SM	410,850.00	35.00	Thirty-Five	14,379,750.00
102a	Removal of Trees 150-300 mm Girth	Each	25.00	1,215.00	One Thousand Two Hundred Fifteen	30,375.00
102b	Removal of Trees 301-600 mm Girth	Each	25.00	2,074.00	Two Thousand Seventy-Four	51,850.00
102c	Removal of Trees 601mm or over Girth	Each	50.00	5,261.00	Five Thousand Two Hundred Sixty-One	263,050.00
104	Compaction of Natural Ground	SM	410,850.00	36.00	Thirty-Six	14,790,600.00
107	Excavate Unclassified Surplus Material	CM	930,000.00	985.00	Nine Hundred Eighty-Five	916,050,000.00
108ai	Formation of Embankment from Unclassified material	CM	1,350,000.00	1,255.00	One Thousand Two Hundred Fifty-Five	1,694,250,000.00
109a	Subgrade Preparation in Earthcut	SM	253,638.00	190.00	One Hundred Ninety	48,191,220.00
SP-117a	Formation of granular material platform	CM	2,000.00	1,920.00	One Thousand Nine Hundred Twenty	3,840,000.00
SP-117b	Formation of Earthen Dowels	CM	2,607.00	481.00	Four Hundred Eighty-One	1,253,967.00
					Total Amount (Rs)	2,693,100,812.00

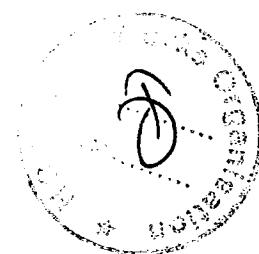


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 2: SUBBASE & BASE COURSE						
201	Granular Subbase	CM	138,230.00	3,288.00	Three Thousand Two Hundred Eighty-Eight	454,500,240.00
202	Aggregate Base	CM	137,858.00	4,926.00	Four Thousand Nine Hundred Twenty-Six	679,088,508.00
203b	Asphaltic Base Course Plant mix (Class B)	CM	47,856.00	33,638.00	Thirty-Three Thousand Six Hundred Thirty-Eight	1,609,780,128.00
209a	Breaking of Existing Road Pavement Structure	CM	2,354.00	1,000.00	One Thousand	2,354,000.00
NSI-III	Re-use of existing pavement structure as subbase material and compact upto 98% MDD.	CM	383.00	593.00	Five Hundred Ninety-Three	227,119.00
					Total Amount (Rs)	2,745,949,995.00

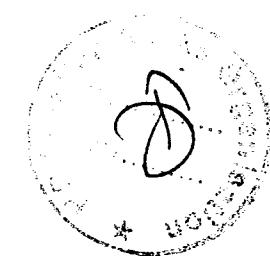


DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
BILL NO. 3: SURFACE COURSE & PAVEMENT						
302a	Cut back Asphalt for Bituminous Prime Coat	SM	363,568.00	218.00	Two Hundred Eighteen	79,257,824.00
303a	Cut back Asphalt for Bituminous Tack Coat	SM	720,315.00	92.00	Ninety-Two	66,268,980.00
304c	Triple Surface Treatment	SM	96,316.00	1,180.00	One Thousand One Hundred Eighty	113,652,880.00
305a	Asphaltic Concrete for Wearing Course (Class A)	CM	18,298.00	34,650.00	Thirty-Four Thousand Six Hundred Fifty	634,025,700.00
					Total Amount (Rs)	893,205,384.00

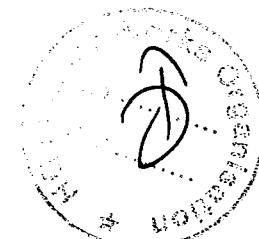


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 4a: STRUCTURES (BOX CULVERTS)						
107	Structural Excavation in Unclassified Material	CM	5,777.00	809.00	Eight Hundred Nine	4,673,593.00
107d	Granular Backfill	CM	3,628.00	3,288.00	Three Thousand Two Hundred Eighty-Eight	11,928,864.00
401 a2i	Concrete Class A2 (Underground)	CM	90.00	29,941.00	Twenty-Nine Thousand Nine Hundred Forty-One	2,694,690.00
401a2ii	Concrete Class A2 (On ground)	CM	1,261.00	30,689.00	Thirty Thousand Six Hundred Eighty-Nine	38,698,829.00
401 a3ii	Concrete Class A3 (On ground)	CM	1,601.00	33,661.00	Thirty-Three Thousand Six Hundred Sixty-One	53,891,261.00
401 a3iii	Concrete Class A3 (Elevated)	CM	3,647.00	34,376.00	Thirty-Four Thousand Three Hundred Seventy-Six	125,369,272.00
401f	Lean Concrete	CM	804.00	15,194.00	Fifteen Thousand One Hundred Ninety-Four	12,215,976.00
404b	Reinforcement as per AASHTO M-31 Grade-60	Ton	1,059.00	325,448.00	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	344,649,432.00
406a	Premoulded Joint Filler 25mm Thick with Bitumastic Joint Seal	SM	383.00	5,704.00	Five Thousand Seven Hundred Four	2,184,632.00
406dii	PVC Water Stop 9" Size	M	918.00	3,593.00	Three Thousand Five Hundred Ninety-Three	3,298,374.00
509d	Grouted Rip Rap Class A	CM	412.00	13,142.00	Thirteen Thousand One Hundred Forty-Two	5,414,504.00
509 b	Riprap Class B	CM	845.00	5,668.00	Five Thousand Six Hundred Sixty-Eight	4,789,460.00
509 h	Filter Layer of Granular Material	CM	206.00	5,924.00	Five Thousand Nine Hundred Twenty-Four	1,220,344.00
401b	Concrete Class B	CM	651.00	18,403.00	Eighteen Thousand Four Hundred Three	11,980,353.00
					Total Amount (Rs)	623,009,584.00



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 4b: Structures (Retaining Walls, Breast Walls & Toe Walls)						
107	Structural Excavation in Unclassified Material	CM	46,128.50	809.00	Eight Hundred Nine	37,317,956.50
401a3ii	Concrete Class A3 (on ground)	CM	11,596.75	33,661.00	Thirty-Three Thousand Six Hundred Sixty-One	390,358,201.75
401a3iii	Concrete Class A3 (Elevated)	CM	21,540.75	34,376.00	Thirty-Four Thousand Three Hundred Seventy-Six	740,484,822.00
401b	Concrete Class B	CM	2,512.40	18,403.00	Eighteen Thousand Four Hundred Three	46,235,697.20
401f	Lean Concrete	CM	6,945.95	15,194.00	Fifteen Thousand One Hundred Ninety-Four	105,536,764.30
401h	Plum (Cyclopean / Rubble) Concrete (2:1 Conc. Stone Ratio)	CM	4,180.00	15,892.00	Fifteen Thousand Eight Hundred Ninety-Two	66,428,560.00
404b	Reinforcement as per AASHTO M 31 Grade 60.	Tons	4,970.63	325,448.00	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	1,617,681,592.24
411b	Stone Masonry Random with Mortar	CM	75,240.00	11,916.00	Eleven Thousand Nine Hundred Sixteen	896,559,840.00
					Total Amount (Rs)	3,900,603,433.99



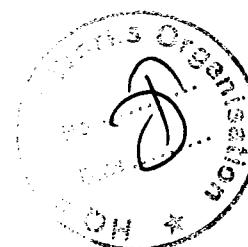
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+100 ~ KM 412+000)

BILL OF QUANTITIES

SUMMARY OF COST (KHOJAK TUNNEL WORKS) BILL NO. 4e

Bill No.	Description	Amount (Rs.)
1a	Structural Work (South Portal Tunnel)	10,424,557,960
1b	Structural Work (North Portal Tunnel)	10,459,691,373
1c	Structural Work (Cross Passage Tunnel)	225,926,020
1d	Structural Work (Lay Bay Tunnel)	1,880,580,722
2	Electrical works	2,242,177,459
3	Fire Fighting works	786,384,461
4	Ventilation works	435,914,400
5	Scada works	360,263,319
	Total	26,815,495,714
Rupees in Words: <u>Twenty-Six Billion Eight Hundred Fifteen Million Four Hundred Ninety-Five Thousand Seven Hundred Fourteen</u>		



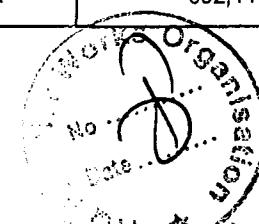
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

SOUTH PORTAL TUNNEL RD 397+745 to 40+075 (R/S), length : 2330 Meters

Bill No. 1a Tunnel (Structural Works):

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
107	Structural Excavation in Unclassified Material (Tunnel)	CM	189,116	8,876.00	Eight Thousand Eight Hundred Seventy-Six	1,678,593,616
109a	Subgrade Preparation in Earth Cut	SM	27,451	190.00	One Hundred Ninety	5,215,690
303a	Cut Back Asphalt for Bituminous Tack Coat	SM	18,022	92.00	Ninety-Two	1,658,024
305a	Asphaltic Concrete for Wearing Course (Class A)	CM	902	34,650.00	Thirty-Four Thousand Six Hundred Fifty	31,254,300
401a3ii	Concrete Class "A3" (on ground) at Tunnel Base	CM	17,390	39,224.00	Thirty-Nine Thousand Two Hundred Twenty-Four	682,105,360
401a3iii	Concrete Class "A3" (Elevated) in Walls & Crown	CM	25,732	40,522.00	Forty Thousand Five Hundred Twenty-Two	1,042,712,104
401f	Lean Concrete (in Tunnel bed)	CM	2,746	15,194.00	Fifteen Thousand One Hundred Ninety-Four	41,722,724
404b	Reinforcement as per AASHTO M-31 Grade-60	Ton	6,175	393,416.00	Three Hundred Ninety-Three Thousand Four Hundred Sixteen	2,429,343,800
406dii	PVC Water Stop	M	4,774	3,593.00	Three Thousand Five Hundred Ninety-Three	17,152,982
NSI	Special Formworks	LS	1	250,000,000.00	Two Hundred Fifty Million	250,000,000
NSI	Shortcrete 50-75 mm thick as per specs and requirement	SM	18,380	11,940.00	Eleven Thousand Nine Hundred Forty	219,457,200
NSI	Shortcrete 75-100 mm thick as per specs and requirement	SM	7,878	13,134.00	Thirteen Thousand One Hundred Thirty-Four	103,469,652
NSI	Shortcrete 100-150 mm thick as per specs and requirement	SM	7,878	17,900.00	Seventeen Thousand Nine Hundred	141,016,200
NSI	Shortcrete 250-280 mm thick as per specs and requirement	SM	25,593	27,056.00	Twenty-Seven Thousand Fifty-Six	692,444,208



Bill No. 1a Tunnel (Structural Works):

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
NSI	Supply and installation of 4" x 4" spot welded, 8SWG as per Specs for shortcrete reinforcement	SM	25,000	5,220.00	Five Thousand Two Hundred Twenty	130,500,000
NSI	Lattice Girders/Ribs (including supply and installation complete in all respect)	Ton	1,748	475,000.00	Four Hundred Seventy-Five Thousand	830,300,000
NSI	Rock Bolts (3m long including supply, installation & testing)	Nos	23,811	22,100.00	Twenty-Two Thousand One Hundred	526,223,100
NSI	Rock Bolts (4m long including supply, installation & testing)	Nos	8,355	25,400.00	Twenty-Five Thousand Four Hundred	212,217,000
NSI	Rock Bolts (5m long including supply, installation & testing)	Nos	11,500	35,500.00	Thirty-Five Thousand Five Hundred	408,250,000
NSI	Rock Bolts (6m long including supply, installation & testing)	Nos	9,608	36,500.00	Thirty-Six Thousand Five Hundred	350,692,000
NSI	Grouting Anchor rods (6m long hollow with 5mm wall thickness)	Nos	1,600	36,500.00	Thirty-Six Thousand Five Hundred	58,400,000
NSI	Seepage Treatment (Geotextile / Geomembrance)	SM	48,930	11,000.00	Eleven Thousand	538,230,000
NSI	Core drilling /Logging (Geotechnical Investigation)	M	3,000	11,200.00	Eleven Thousand Two Hundred	33,600,000
	Total					10,424,557,960



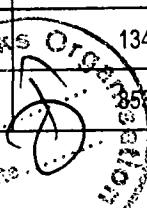
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

NORTH PORTAL TUNNEL ; RD 397+680 to 40+075 ; (L/S); Length:2395 Meters

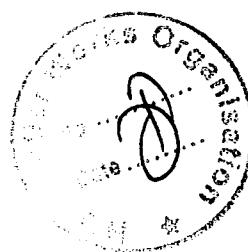
Bill No. 1b Tunnel (Structural Works):

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
SP-107	Structural Excavation in Unclassified Material (Tunnel)	CM	194,781	8,876	Eight Thousand Eight Hundred Seventy-Six	1,728,876,156
109a	Subgrade Preparation in Earth Cut	SM	28,273	190	One Hundred Ninety	5,371,870
303a	Cut Back Asphalt for Bituminous Tack Coat	SM	18,562	92	Ninety-Two	1,707,704
305a	Asphaltic Concrete for Wearing Course (Class A)	CM	929	34,650	Thirty-Four Thousand Six Hundred Fifty	32,189,850
401a3ii	Concrete Class "A3" (On Ground)	CM	17,911	39,224	Thirty-Nine Thousand Two Hundred Twenty-Four	702,541,064
401a3iii	Concrete Class "A3" (Elevated)	CM	24,606	40,522	Forty Thousand Five Hundred Twenty-Two	997,084,332
401f	Lean Concrete	CM	2,828	15,194	Fifteen Thousand One Hundred Ninety-Four	42,968,632
404b	Reinforcement as per AASHTO M-31 Grade-60	Ton	6,088	393,416	Three Hundred Ninety-Three Thousand Four Hundred Sixteen	2,395,116,608
406dii	PVC Water Stop	M	4,917	3,593	Three Thousand Five Hundred Ninety-Three	17,666,781
NSI	Special Formworks	LS	1	250,000,000	Two Hundred Fifty Million	250,000,000
NSI	Shortcrete 50-75 mm thick as per specs and requirement	SM	18,931	11,940	Eleven Thousand Nine Hundred Forty	226,036,140
NSI	Shortcrete 75-100 mm thick as per specs and requirement	SM	8,114	13,134	Thirteen Thousand One Hundred Thirty-Four	106,569,276
NSI	Shortcrete 100-150 mm thick as per specs and requirement	SM	8,114	17,900	Seventeen Thousand Nine Hundred	145,240,600
NSI	Shortcrete 150-200 mm thick as per specs and requirement	SM	26,144	24,600	Twenty-Four Thousand Six Hundred	643,142,400
NSI	Supply and installation of 4" x 4" spot welded, 8SWG as per Specs for shortcrete reinforcement	SM	25,698	5,220	Five Thousand Two Hundred Twenty	134,143,560
NSI	Lattice Girders/Ribs (including supply and installation complete in all respect)	Ton	1,797	475,000	Four Hundred Seventy-Five Thousand	853,575,000



Bill No. 1b Tunnel (Structural Works):

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
NSI	Rock Bolts (3m long including supply, installation & testing)	Nos	24,524	22,100	Twenty-Two Thousand One Hundred	541,980,400
NSI	Rock Bolts (4m long including supply, installation & testing)	Nos	8,605	25,400	Twenty-Five Thousand Four Hundred	218,567,000
NSI	Rock Bolts (5m long including supply, installation & testing)	Nos	11,707	35,500	Thirty-Five Thousand Five Hundred	415,598,500
NSI	Rock Bolts (6m long including supply, installation & testing)	Nos	9,896	36,500	Thirty-Six Thousand Five Hundred	361,204,000
NSI	Grouting Anchor rods (6m long hollow with 5mm wall thickness)	Nos	1,645	36,500	Thirty-Six Thousand Five Hundred	60,042,500
NSI	Seepage Treatment (Geotextile / Geomembrance)	SM	50,295	11,000	Eleven Thousand	553,245,000
NSI	Core drilling /Logging (Geotechnical Investigation)	M	2,395	11,200	Eleven Thousand Two Hundred	26,824,000
	Total					10,459,691,373



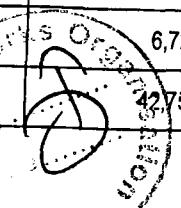
DUALIZATION OF KHUZDAR ~ CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

CROSS PASSAGE TUNNEL; LENGTH: 30 M

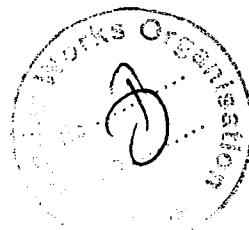
Bill No. 1c: Cross Passage Tunnel (Structural Works)

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
107	Structural Excavation in Unclassified Material (Tunnel)	CM	2,100	8,876.00	Eight Thousand Eight Hundred Seventy-Six	18,639,600
109a	Subgrade Preparation in Earth Cut	SM	535	190.00	One Hundred Ninety	101,650
303a	Cut Back Asphalt for Bituminous Tack Coat	SM	396	92.00	Ninety-Two	36 432
305a	Asphaltic Concrete for Wearing Course (Class A)	CM	20	34,650.00	Thirty-Four Thousand Six Hundred Fifty	693,000
401a3ii	Concrete Class "A3" (On Ground)	CM	161	39,224.00	Thirty-Nine Thousand Two Hundred Twenty-Four	6,315,064
401a3iii	Concrete Class "A3" (Elevated)	CM	416	40,522.00	Forty Thousand Five Hundred Twenty-Two	16,857,152
401f	Lean Concrete	CM	55	15,194.00	Fifteen Thousand One Hundred Ninety-Four	835,670
404b	Reinforcement as per AASHTO M-31 Grade-60	Ton	83	393,416.00	Three Hundred Ninety-Three Thousand Four Hundred Sixteen	32,653,528
406dii	PVC Water Stop	M	264	3,593.00	Three Thousand Five Hundred Ninety-Three	948,552
NSI	Special Formworks	LS	1	19,500,000.00	Nineteen Million Five Hundred Thousand	19,500,000
NSI	Shortcrete 50-75 mm thick as per specs and requirement	SM	486	11,940.00	Eleven Thousand Nine Hundred Forty	5,802,840
NSI	Shortcrete 75-100 mm thick as per specs and requirement	SM	208	13,134.00	Thirteen Thousand One Hundred Thirty-Four	2,731,872
NSI	Shortcrete 100-150 mm thick as per specs and requirement	SM	486	17,900.00	Seventeen Thousand Nine Hundred	8,699,400
NSI	Shortcrete 150-200 mm thick as per specs and requirement	SM	486	24,600.00	Twenty-Four Thousand Six Hundred	11,955,600
NSI	Supply and installation of 4" x 4" spot welded, 8SWG as per Specs for shortcrete reinforcement	SM	1,288	5,220.00	Five Thousand Two Hundred Twenty	6,723,360
NSI	Lattice Girders/Ribs (including supply and installation complete in all respect)	Ton	90	475,000.00	Four Hundred Seventy-Five Thousand	42,750,000



Bill No. 1c: Cross Passage Tunnel (Structural Works)

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
NSI	Rock Bolts (3m long including supply, installation & testing)	Nos	659	22,100.00	Twenty-Two Thousand One Hundred	14,563,900
NSI	Rock Bolts (4m long including supply, installation & testing)	Nos	231	25,400.00	Twenty-Five Thousand Four Hundred	5,867,400
NSI	Rock Bolts (5m long including supply, installation & testing)	Nos	150	35,500.00	Thirty-Five Thousand Five Hundred	5,325,000
NSI	Rock Bolts (6m long including supply, installation & testing)	Nos	266	36,500.00	Thirty-Six Thousand Five Hundred	9,709,000
NSI	Installation of Forpoling pipe and it grouting L=3m,dia 50mm	Nos	135	36,500.00	Thirty-Six Thousand Five Hundred	4,927,500
NSI	Grouting Anchor rods (6m long hollow with 5mm wall thickness)	Nos	83	36,500.00	Thirty-Six Thousand Five Hundred	3,029,500
NSI	Seepage Treatment (Geotextile / Geomembrance)	SM	726	10,000.00	Ten Thousand	7,260,000
Total Cost For Cross Passages (Rs.)						225,926,020



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

Lay Bay Tunnel = 80 Meters

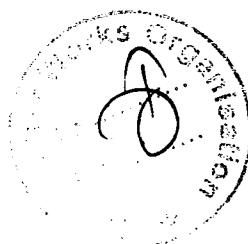
Bill No. 1d: Lay Bay Tunnel Portion (Structural Works):

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
107	Structural Excavation in Unclassified Material (Tunnel)	CM	38,499	8,876.00	Eight Thousand Eight Hundred Seventy-Six	341,717,124
109a	Subgrade Preparation in Earth Cut	SM	5,280	190.00	One Hundred Ninety	1,003,200
303a	Cut Back Asphalt for Bituminous Tack Coat	SM	3,714	92.00	Ninety-Two	341,688
305a	Asphaltic Concrete for Wearing Course (Class A)	CM	186	34,650.00	Thirty-Four Thousand Six Hundred Fifty	6,444,900
401a3ii	Concrete Class "A3" (on ground) at Tunnel Base	CM	3,637	39,224.00	Thirty-Nine Thousand Two Hundred Twenty-Four	142,657,688
401a3iii	Concrete Class "A3" (Elevated) in Walls & Crown	CM	5,878	40,522.00	Forty Thousand Five Hundred Twenty-Two	238,188,316
401f	Lean Concrete (in Tunnel bed)	CM	516	15,194.00	Fifteen Thousand One Hundred Ninety-Four	7,840,104
404b	Reinforcement as per AASHTO M-31 Grade-60	Ton	1,363	393,416.00	Three Hundred Ninety-Three Thousand Four Hundred Sixteen	536,226,008
406dii	PVC Water Stop	M	704	3,593.00	Three Thousand Five Hundred Ninety-Three	2,529,472
NSI	Special Formworks	LS	1	39,990,694.00	Thirty-Nine Million Nine Hundred Ninety Thousand Six Hundred Ninety-Four	39,990,694
NSI	Shortcrete 50-75 mm thick as per specs and requirement	SM	2,711	11,940.00	Eleven Thousand Nine Hundred Forty	32,369,340
NSI	Shortcrete 75-100 mm thick as per specs and requirement	SM	1,162	13,134.00	Thirteen Thousand One Hundred Thirty-Four	15,261,708
NSI	Shortcrete 100-150 mm thick as per specs and requirement	SM	1,162	17,900.00	Seventeen Thousand Nine Hundred	20,799,800



Bill No. 1d: Lay Bay Tunnel Portion (Structural Works):

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
NSI	Shortcrete 150-200 mm thick as per specs and requirement	SM	2,711	24,600.00	Twenty-Four Thousand Six Hundred	66,690,600
NSI	Supply and installation of 4" x 4" spot welded, 8SWG as per Specs for shortcrete reinforcement	SM	3,434	5,220.00	Five Thousand Two Hundred Twenty	17,925,480
NSI	Lattice Girders/Ribs (including supply and installation complete in all respect)	Ton	240	475,000.00	Four Hundred Seventy-Five Thousand	114,000,000
NSI	Rock Bolts (3m long including supply, installation & testing)	Nos	4,654	22,100.00	Twenty-Two Thousand One Hundred	102,853,400
NSI	Rock Bolts (4m long including supply, installation & testing)	Nos	1,633	25,400.00	Twenty-Five Thousand Four Hundred	41,478,200
NSI	Rock Bolts (5m long including supply, installation & testing)	Nos	614	35,500.00	Thirty-Five Thousand Five Hundred	21,797,000
NSI	Rock Bolts (6m long including supply, installation & testing)	Nos	1,878	36,500.00	Thirty-Six Thousand Five Hundred	68,547,000
NSI	Grouting Anchor rods (6m long hollow with 5mm wall thickness)	Nos	220	36,500.00	Thirty-Six Thousand Five Hundred	8,030,000
NSI	Seepage Treatment (Geotextile / Geomembrance)	SM	4,899	11,000.00	Eleven Thousand	53,889,000
	Total					1,880,580,722

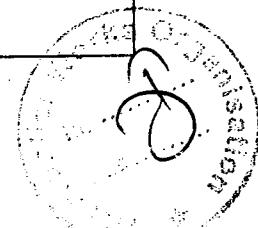


DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES
KHOJAK TUNNEL (ELECTRICAL WORKS)

Bill No 02: Electrical Works

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
1	LIGHT FITTINGS & ACCESSORIES LED Tunnel Lights of wattage 30W,60W,120W and 235W alongwith Bracket for Tunel lights alongwith all accessories. The referred Tunnel light fixtures shall be supplied from internationally reputed brand having proven worldwide international experience. Recommended brands are Philips, GE, Shreder.	JOB	1	120,343,293.00	One Hundred Twenty Million Three Hundred Forty-Three Thousand Two Hundred Ninety-Three	120,343,293
2	CABLE LAYING ARRANGEMENTS Cable Trays, ladders, GI/PVC Conduits/Pipes with clamping and hanging arrangements with all accessories including nuts, bolts and washers for horizontal / vertical run of cable along MS structure of the Tunnel.	JOB	1	227,695,661.00	Two Hundred Twenty-Seven Million Six Hundred Ninety-Five Thousand Six Hundred Sixty-One	227,695,661
3	LOW VOLTAGE CABLES Low Voltage copper conductor, XLPE insulated Fire rated Power & Earthing cables for Lights, Ventilation Fans, Fire Fighting Valves etc and allied accessories.	JOB	1	574,927,001.00	Five Hundred Seventy-Four Million Nine Hundred Twenty-Seven Thousand One	574,927,001
4	LOW VOLTAGE DBs AND PANELS Low Voltage, DBs, Sub Main Panels, Main Panels, Power Factor Improvement Panels, Feeder Pillars, for Lights, Ventilation Fans, Junction box for Fire Fighting Valves etc and allied accessories.	JOB	1	77,363,083.00	Seventy-Seven Million Three Hundred Sixty-Three Thousand Eighty-Three	77,363,083
5	MV NETWORK 11kV dual supply chageover Panel, 11kV Consumer Panel, 11kV metering Panles, Transformer Protection Panels, 11kV Switch, MV Cables, Indoor/out door termination kits, Dry Type Transformers and allied accessories. Recommended brands for the Dry Type Transformers are ABB, GE, Legrand	JOB	1	257,247,166.00	Two Hundred Fifty-Seven Million Two Hundred Forty-Seven Thousand One Hundred Sixty-Six	257,247,166



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

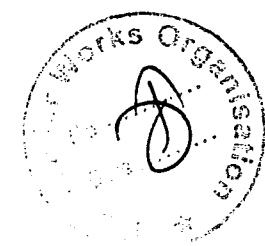
**BILL OF QUANTITIES
KHOJAK TUNNEL (ELECTRICAL WORKS)**

Bill No 02: Electrical Works

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
6	EMERGENCY BACK UP POWER SUPPLY 2MVA, 3 Nos. alongwith 11kV Synch & ATS Panels including foundations of the DG sts, weather proof canopies, Bulk fuel storage tank, operation and maintenance cost of the dG sets for five years and 5kVA UPS. Alternator Make/Brand: Siemens, Newage/Stamford/Cummins, Lorrey-Sommer, Cater Pillar/Olympian. - Diesel Engine Make/Brand: Volvo, Perkins, Cummins, Mitsubishi, John Deere, Cater Pillar.	JOB	1	984,601,255.00	Nine Hundred Eighty-Four Million Six Hundred One Thousand Two Hundred Fifty-Five	984,601,255
Total						2,242,177,459

Note:

- The cost of security deposit and obtaining of 11 kV electrical connection with installation material from WAPDA shall be finalized as per site requirement and the cost for the same is not included in the above.
- The above mentioned cost pertains only to the basic equipment/material . The cost of Substation, Transmission Line, land and ROW for both substation and transmission line is not included and needs to be finalized as per project site requirements.



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

KHOJAK TUNNEL (FIRE FIGHTING WORKS)

Bill No 03: Khojak Tunnel (Fire Fighting Works)

Item. Each	DESCRIPTION	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Supply and Installation:						
1	Seamless black steel pipe, conforming to ASTM A-106 schedule 40 and fitting conforming to BS 534, including any sundries to the system of following diameter:					
	i) DN 150 (wall thickness 7.09 mm)	RM	5,274	19,069	Nineteen Thousand Sixty-Nine	100,569,906
	ii) DN 100 (wall thickness 6.09 mm)	RM	25	11,275	Eleven Thousand Two Hundred Seventy-Five	281,875
2	Stainless steel pipe, conforming to ASTM A-269, schedule 40 and fitting conforming to ASTM A-774, including any sundries to the system of following diameter:					
	i) DN 65 (wall thickness 5.16 mm)	RM	460	13,405	Thirteen Thousand Four Hundred Five	6,166,300
	ii) DN 40 (wall thickness 3.68 mm)	RM	1,390	5,234	Five Thousand Two Hundred Thirty-Four	7,275,260
	iii) DN 32 (wall thickness 3.556 mm)	RM	870	4,620	Four Thousand Six Hundred Twenty	4,019,400
	iv) DN 25 (wall thickness 3.404 mm)	RM	15,800	3,676	Three Thousand Six Hundred Seventy-Six	58,080,800
3	Testing gate valve (Cast Iron) with flanges of following diameter:					
	i) DN 150	Each	2	141,900	One Hundred Forty-One Thousand Nine Hundred	283,800
4	Cast iron flanged gate valve of following diameters:					
	i) DN 150	Each	28	141,900	One Hundred Forty-One Thousand Nine Hundred	3,973,200
	ii) DN 80	Each	4	75,900	Seventy-Five Thousand Nine Hundred	303,600
	iii) DN 65	Each	160	49,500	Forty-Nine Thousand Five Hundred	7,920,000
5	Cast iron flanged check valve of following diameters:					
	i) DN 150	Each	6	162,800	One Hundred Sixty-Two Thousand Eight Hundred	976,800
	ii) DN 80	Each	2	71,500	Seventy-One Thousand Five Hundred	143,000
6	Siamese connection as specified.					
	Internal Fire Hose cabinet with swinging type drum, 30 m x 25 mm high pressure hose reel with multi-purpose brass nozzle, 25 mm hose valve/gate valve, and 25 mm key operated shut off valve within a powder coated, red finish with glass front cabinet, complete in all respects. (FM approved and UL listed). It shall also accommodate 25 mm pressure reducing valve as per item # 10	Each	158	152,900	One Hundred Fifty-Two Thousand Nine Hundred	24,158,200

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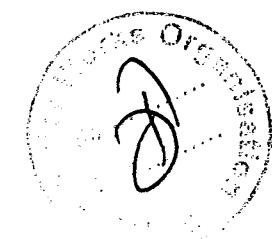
DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

KHOJAK TUNNEL (FIRE FIGHTING WORKS)

Bill No 03: Khojak Tunnel (Fire Fighting Works)

Item No.	DESCRIPTION	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
8	<p>Fire water main end suction centrifugal (Electric Driven) pump set including all other accessories and any sundries with pressure sustaining valve as specified and required for installation & operation of following flow & head. (VdS Approved / UL,FM Approved)</p> <p>i) Q = 1325 LPM ii) H = 145 psi</p> <p>Fire water main end suction centrifugal (Diesel Driven) pump set including diesel engine set with pressure sustaining valve, Water Flow meter and all other accessories and any sundries as specified and required for installation & operation of following flow & head. (VdS Approved / UL,FM Approved)</p> <p>i) Q = 1325 LPM ii) H = 145 psi</p> <p>Fire water main jockey pump of following head & flow consisting of a 400 liter pressure tank and including all other accessories any sundries as specified and required for installation with control panel</p> <p>i) Q = 190 LPM ii) H = 152 psi</p>	Each	2	19,281,130	Nineteen Million Two Hundred Eighty-One Thousand One Hundred Thirty	38,562,260



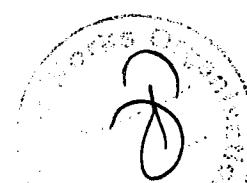
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

KHOJAK TUNNEL (FIRE FIGHTING WORKS)

Bill No 03: Khojak Tunnel (Fire Fighting Works)

Item No.	DESCRIPTION	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
9	a) Pressure switch on fire water pumps, including any sundries b) Pressure relief valve including all accessories Open water mist nozzles, K-factor =3.5 with coverage area of (1.75 m x 1.75 m) and dust cap as specified	Each	4,720	52,800	Fifty-Two Thousand Eight Hundred	249,216,000
10	Pressure reducing valve with all accessories as shown on drawing (FM approved and UL listed): i) DN 25	Each	158	15,400	Fifteen Thousand Four Hundred	2,433,200
11	Pressure gauge of 16 bars with stop cock including any sundries	Each	170	9,900	Nine Thousand Nine Hundred	1,683,000
12	Strainer at Pump suction of following diameters (UL listed): i) DN 150 ii) DN 80	Each	4	165,000	One Hundred Sixty-Five Thousand	660,000
		Each	2	104,500	One Hundred Four Thousand Five Hundred	209,000
13	Zone Control valve station with automatic deluge valve, the self-monitoring, high capacity, Filter and pressure switches for system functions monitoring and for diagnostics; motorized valves for automatic system activation and entering maintenance states; and the Control Panel for controlling the individual components of the Zone Valve Station. etc. complete in all respect including any sundries. The control valve shall be capable of activating adjacent fire-zones to prevent fire spread. (FM Approved)	•	•	•	•	•
	a) DN 65	Each	158	1,675,300	One Million Six Hundred Seventy-Five Thousand Three Hundred	264,697,400
14	Automatic air release valve of required size as specified	Each	1	18,260	Eighteen Thousand Two Hundred Sixty	18,260
15	Portable fire extinguisher of following types: i) Dry chemical powder 6 Kg. ii) Carbon dioxide 5 kg.	Each	158	14,300	Fourteen Thousand Three Hundred	2,259,400
		Each	158	29,700	Twenty-Nine Thousand Seven Hundred	4,692,600
16	Dry chemical powder trolley of 50 Kgs with all accessories as specified	Each	2	93,500	Ninety-Three Thousand Five Hundred	187,000
17	AAAF foam trolley of 50 ltrs. with all accessories as specified	Each	2	94,600	Ninety-Four Thousand Six Hundred	189,200
18	Sand bucket	Each	2	3,300	Three Thousand Three Hundred	6,600



DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES

KHOJAK TUNNEL (FIRE FIGHTING WORKS)

Bill No 03: Khojak Tunnel (Fire Fighting Works)

Item No.	DESCRIPTION	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
19	Electrical works including control panel for two pumps, automatic start and manual stop, circuit breakers, relays, pressure switches, indicating lamps etc. as specified and including any sundness to the system.	Lot	1	1,650,000	One Million Six Hundred Fifty Thousand	1,650,000
20	Spare Parts	Each	1	1,100,000	One Million One Hundred Thousand	1,100,000
21	Foundation and Supports	Each	1	550,000	Five Hundred Fifty Thousand	550,000
22	Defect liability period	Months	24	55,000	Fifty-Five Thousand	1,320,000
23	Allied Civil Works(Cutting, patching, filling etc.)	Each	1	2,640,000	Two Million Six Hundred Forty Thousand	2,640,000
TOTAL (Rs.)						786,384,461

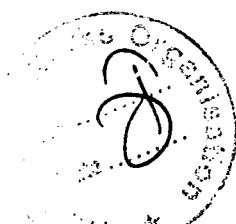


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES
KHOJAK TUNNEL (VENTILATION WORKS)

Bill No 04: (Ventilation Works)

Pay Item	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
1	Supply and Installation of Jet Fans for Smoke Ventilation including cabling, electrical connection from terminal boxes, fastners/hanging arrangements, interlocking with Controls, spare parts with two (02) years operation and maintenance and all accessories as per specifications.	Each	88	4,786,300	Four Million Seven Hundred Eighty-Six Thousand Three Hundred	421,194,400
2	Testing and Commissioning of Jet Fans including real time simulation test of Jet Fan operation during normal and emergency operation	Lot	1	1,150,000	One Million One Hundred Fifty Thousand	1,150,000
3	Supply, Installation, Testing & Commissioning of Electrical Cabling from terminal box upto Jet Fans, etc. as specified.	Lot	1	2,300,000	Two Million Three Hundred Thousand	2,300,000
4	Supply, Installation, Testing & Commissioning of auto controls including DDC controllers, linkages, computer hardware and software, control & communication cabling, etc. as specified	Lot	1	5,750,000	Five Million Seven Hundred Fifty Thousand	5,750,000
5	Operation and maintenance during Defects Liability Period	Month	24	230,000	Two Hundred Thirty Thousand	5,520,000
	TOTAL					435,914,400

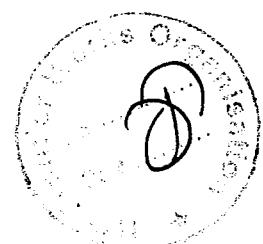


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

BILL OF QUANTITIES
KHOJAK TUNNEL (VENTILATION WORKS)

Bill No 6: Khojak Tunnel (Scada Works)

Sr.No.	Description	Total Amount (Rs.)
A	IP Based CCTV System	42,661,054
B	IP Based Public Address System	24,416,913
C	IP Based Emergency Telephone System	19,883,947
D	Traffic Management and Toll Collection System	46,505,748
E	Fire Alarm System	29,892,606
F	Air Quality Monitoring and Data Acquisition System	33,924,602
G	Tunnel Radio For Rescue Maintenance System	27,721,980
H	Emergency Exit Light System	19,935,630
I	Optical Fiber Cable System	41,034,400
J	Central Control and Monitoring Station	74,286,439
Total		360,263,319
Rupees in Words: Three Hundred Sixty Million Two Hundred Sixty-Three Thousand Three Hundred Nineteen only		



KHOJAK TUNNEL

IP Based CCTV System

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
A	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	Outdoor PTZ Camera 4MP <ul style="list-style-type: none">• IP Camera 4MP• 30X Optical Zoom• Lens Type motorized, auto-iris function, f=4.7 ~ 141 mm/F1.5 ~ F4• Edge Analytics• facial recognition.• Deep learning algorithm having People and Vehicle Counting technology• Detect, track, capture vehicle, non-motor vehicle and people	No.	10	642,161	Six Hundred Forty-Two Thousand One Hundred Sixty-One	6,421,610
2	IP Based Fixed Bullet Camera <ul style="list-style-type: none">• Image Sensor : 5 MPX CMOS sensor 1/2.7"• Lens Type : motor-zoom,• IR Range : 50 meter• Frame Rate: 30 fps for 2592 x 1944, 60 fps for 1920 x 1080• Multi-streaming• Compression : H.264+, H.265+, G.711• Facial Recognition• Video Intelligence Analytics• Minimum IP Class: IP-67 with IK-10 rating• Memory Micro SD Card Slot up to 128 GB	No.	99	196,020	One Hundred Ninety-Six Thousand Twenty	19,405,980
3	64 channels (NVR Network Video Recorder) <ul style="list-style-type: none">• Video and audio channels: 64• Supported protocols: ONVIF, RTSP• Supports resolution 3840 x 2160• Recorded stream size: 320 Mb/s in total from all cameras• Internal HDDs mount: 8• Internal storage for recording mount: 2 x HDD 3.5" 6 TB SATA• Minimum storage12 TB• Monitor outputs: 3 (HDMI (4K UltraHD), HDMI, VGA)• RAID protects recordings• Intelligent image analysis• Video Intelligence Analytics• Facial Recognition Advanced Analytics• Compatible with all Onvif IP cameras• Power Supply 100 ~ 240 VAC with 140 W PoE• Operating Temperature -10°C ~ 50°C	No.	2	981,552	Nine Hundred Eighty-One Thousand Five Hundred Fifty-Two	1,963,104
4	8TB Hard Disk SATA 3.5	No.	16	90,156	Ninety Thousand One Hundred Fifty-Six	1,442,496



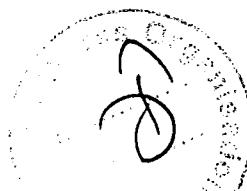
KHOJAK TUNNEL

IP Based CCTV System

BILL OF QUANTITIES

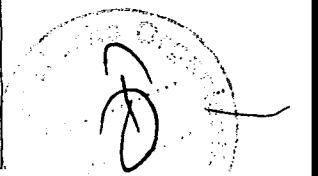
Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
A	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	Outdoor PTZ Camera 4MP <ul style="list-style-type: none">• IP Camera 4MP• 30X Optical Zoom• Lens Type motorized, auto-iris function, f=4.7 ~ 141 mm/F1.5 ~ F4• Edge Analytics• facial recognition.• Deep learning algorithm having People and Vehicle Counting technology• Detect, track, capture vehicle, non-motor vehicle and people	No.	10	642,161	Six Hundred Forty-Two Thousand One Hundred Sixty-One	6,421,610
2	IP Based Fixed Bullet Camera <ul style="list-style-type: none">• Image Sensor : 5 MPX CMOS sensor 1/2.7"• Lens Type : motor-zoom,• IR Range : 50 meter• Frame Rate: 30 fps for 2592 x 1944, 60 fps for 1920 x 1080• Multi-streaming• Compression : H.264+, H.265+, G.711• Facial Recognition• Video Intelligence Analytics• Minimum IP Class: IP-67 with IK-10 rating• Memory Micro SD Card Slot up to 128 GB	No.	99	196,020	One Hundred Ninety-Six Thousand Twenty	19,405,980
3	64 channels (NVR Network Video Recorder) <ul style="list-style-type: none">• Video and audio channels: 64• Supported protocols: ONVIF, RTSP• Supports resolution 3840 x 2160• Recorded stream size: 320 Mb/s in total from all cameras• Internal HDDs mount: 8• Internal storage for recording mount: 2 x HDD 3.5" 6 TB SATA• Minimum storage12 TB• Monitor outputs: 3 (HDMI (4K UltraHD), HDMI, VGA)• RAID protects recordings• Intelligent image analysis• Video Intelligence Analytics• Facial Recognition Advanced Analytics• Compatible with all Onvif IP cameras• Power Supply 100 ~ 240 VAC with 140 W PoE• Operating Temperature -10°C ~ 50°C	No.	2	981,552	Nine Hundred Eighty-One Thousand Five Hundred Fifty-Two	1,963,104
4	8TB Hard Disk SATA 3.5	No.	16	90,156	Ninety Thousand One Hundred Fifty-Six	1,442,496

Pay				Rate (Rs)	
5	70 CHANNEL VMS Video CLIENT STATION, • Monitoring of up to 70 channels • Supports resolution up to 4000 x 3000 • Supports up to 6 monitors simultaneously • Operating system: Microsoft Windows 10 IoT • VMS (Video Management System) • Compatible with all VMS Network Video Recorders • Integration with NVR	No.	2	1,316,022	One Million Three Hundred Sixteen Thousand Twenty-Two 2,632,044
6	Industrial Grade Access 8 port Switch • 8 ports 10/100/1000 PoE • 4x 1G SFP uplink ports • support 15.4 Watt POE per port • 20 Gbps or higher Switching capacity • 10 Mpps or Higher Forwarding rate	No.	42	99,000	Ninety-Nine Thousand 4,158,000
7	Operator Workstation and Software • Core i7 (or higher) processor of the latest generation • Intel latest series chipset • 16 GB RAM • 1TB Internal Hard disk drive • Relevant Ports • HDMI port for connection to the High Quality Monitor • DVD/RW drive • R/W combination CDR and DVD, Keyboard, Mouse and Peripheral Interface Cards	No	1	907,500	Nine Hundred Seven Thousand Five Hundred 907,500
8	CAT-6 STP 4-Pair Data Cable, 23 AWG, LSZH	m	3,000	311	Three Hundred Eleven 933,000
9	PTZ Controller /Key Board	No.	1	159,720	One Hundred Fifty-Nine Thousand Seven Hundred Twenty 159,720
10	25 mm Stainless steel Pipe or Stainless steel Flexible for CCTV Camera with Hot deep galvanized.	m	1000	363	Three Hundred Sixty-Three 363,000
11	Communication Rack 12U (Wall Mounted)	No.	33	46,200	Forty-Six Thousand Two Hundred 1,524,600
12	VMS Central server and software for integration with fire alarm, CCTV, ACS etc.	No.	1	2,750,000	Two Million Seven Hundred Fifty Thousand 2,750,000
13	Installation, Programming, Testing and Commissioning of complete system including cable trays, Stainless steel pipe/ Stainless steel flexible pipe.	Job	1	Incl.in above	Incl.in above 42,661,054
	Total Price (Pak Rs.)				



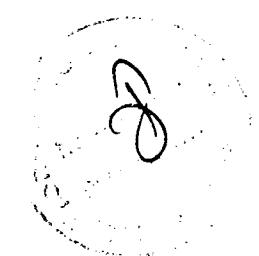
KHOJAK TUNNEL
IP Based Public Address System
BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
B	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	IP Based Digital Matrix System Public Address System (as per EN standard) <ul style="list-style-type: none"> • 16 input audio channels, • 16 output audio channels • Delivers power to the system, reports faults, and controls the system with PA System Software • DSP processing, • compatible with Android and iOS • Control and integrating with third party systems • 19"-wide rack mounted Complete in all respects including all accessories	No	6	536,216	Five Hundred Thirty-Six Thousand Two Hundred Sixteen	3,217,296
2	Amplifier 2 x 1400 W <ul style="list-style-type: none"> • 2 analogue audio inputs x 2 powered audio outputs • Ultra light technology • Efficient progressive ventilation system • Rotary input attenuation controls that are easily accessible on the front panel • Efficient short-circuit, overheat and DC signal protection system to prevent damage to the amplifier and/or the loudspeakers connected to it • Permanently activated built-in anti-clip circuit • Balanced inputs via XLR3 connectors Frequency response (-1dB, -3dB) 20Hz – 25kHz THD+N @ 1kHz Full Power <0,1% S+S/N 20Hz-20kHz @ 1W/4 Ω >85dB	No	16	454,311	Four Hundred Fifty-Four Thousand Three Hundred Eleven	7,268,976
3	4-channel X 150W Class-D amplifiers <ul style="list-style-type: none"> • Thermal and overload protections. • High efficiency, auto standby and convection cooling (fan less, 100% silent) • BRIDGE Technology • All Channels @ 4Ω 145 WRMS • Frequency response (-1 dB, -3dB) 20Hz - 25kHz • Filter (High-Pass) 3rd order Butterworth 15Hz • THD+Noise @ 1kHz Full Power <0.05% • S+N/N 20Hz - 20kHz @ 1W/4Ω >85dB • CMRR >55dB • Damping factor 1kHz @ 8Ω >150 • 4 analogue audio inputs x 4 powered audio outputs • Efficiency: Pmax 80% 	No	10	778,635	Seven Hundred Seventy-Eight Thousand Six Hundred Thirty-Five	7,786,350
4	Fire Man Remote Microphone <ul style="list-style-type: none"> • A dedicated evacuation key • 3 fully-programmable keys with connecting up to five 20-key extensions • POE or external feeder based power supply • Recording of all announcements played during an alarm • Built-in SFP modules and CAT5e for loop topology • Intercom function between all fireman and zone microphones 	No	2	363,900	Three Hundred Sixty-Three Thousand Nine Hundred	727,800



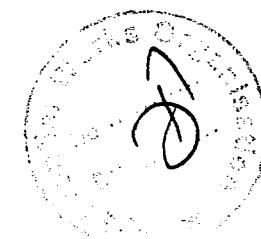
KHOJAK TUNNEL
IP Based Public Address System
BILL OF QUANTITIES

Pay			Rate (Rs)			
			No	2	56,307	
5	16 Zone Call Station with Keypad (as per EN standard) has a microphone on a flexible stem, a push-to-talk button, a speaker, and a headset socket suitable for rack mounting. Complete in all respects including all accessories. • Call station interface via a CAT-6 cable of up to 500 m • Supervised microphone on a gooseneck stem with good speech intelligibility with 4 programmable keys and 16 keypads					
6	CD+USB+Tunner Player		No	2	104,569	One Hundred Four Thousand Five Hundred Sixty-Nine 209,138
7	10 W Ceiling mount Speakers with Back Box Cover (EN standard) for Building • 10 WRMS @ 8 Ω • 3" woofer • Built-in audio transformer for 70/100 V use • Aluminium front grill and rust proof • Discreet frame • Effective frequency range: 110 Hz – 20 kHz (-10dB) • Coverage angle 140° • Power handling 10W RMS / 40W Peak • Sensitivity 86dB (1W/1m) • Maximum SPL 96dB continuous / 102dB peak • Power options 100V: 1.5 / 3 / 6 W and 8 ohm 70V: 0.75 / 1.5 / 3 W and 8 ohm		No	30	10,457	Ten Thousand Four Hundred Fifty-Seven 313,710



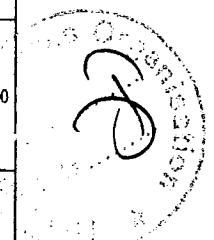
KHOJAK TUNNEL
IP Based Public Address System
BILL OF QUANTITIES

Pay	Description	Unit	Quantity	Rate (Rs)	
8	Tunnel Speaker 100 W (for tunnel) • Highly directional asymmetric horn • Excellent speech intelligibility • Stainless steel construction • Waterproof housing IP66	No	49	10,457	Ten Thousand Four Hundred Fifty-Seven
9	Operator Workstation and Software •Core i7 (or higher) processor of the latest generation •Intel latest series chipset •16 GB RAM •1TB Internal Hard disk drive •Relevant Ports •HDMI port for connection to the High Quality Monitor •DVD/RW drive •R/W combination CDR and DVD, Keyboard, Mouse and Peripheral Interface Cards	No	1	1,061,775	Sixty-One Thousand Seven Hundred
10	2x2.5 MM ² Speaker Wire , Flexible LSZH	Meter	7,000	399	Three Hundred Ninety-Nine
11	Audio Cable with interconnection Jacks	No	40	2,413	Two Thousand Four Hundred Thirteen
12	CAT-6, STP Cable 4-Pair Data Cable,23 AWG, LSZH	Meter	100	194	One Hundred Ninety-Four
13	Wiring & Laying in GI Steel Pipe 25mm	Lot	1	297,941	Two Hundred Ninety-Seven Thousand Nine Hundred Forty-One
14	Installation, Programming, Testing and Commissioning of complete system	Job	1	Incl.in above	Incl.in above
	Total Price (Pak Rs.)				24,416,913



KHOJAK TUNNEL
IP Based Emergency Telephone System
BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figures	In words	
C	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	CAT-6, UTP Cable for Voice Communication System from Communication Rack to Cable Tray / outlet in 25 mm PVC conduit / channel including termination and tagging at both ends. Complete in all respects. UTP CAT-6 4-Pair Data Cable, 23 AWG, Cat 6 /TIA/EIA 568 IEEE 802.3 & 5 , EN50173, ISO/IEC 11801 ,IEC 60332	Rm	2000	197.00	Three Hundred Fifty-Eight Thousand	394,000.00
3	Simplex Face plate having 1 Gang for Voice, white / off white finish, complete with shuttered click-ins, labels and all accessories including back box, recessed on wall or column as per design.	no.	40	1,955.00	Seventy-One Thousand Eighty	78,200.00
4	24-Port CAT-6 Patch Panel equipped with RJ-45 I/Os for Voice	no.	10	43,991.00	Three Hundred Ninety-Nine Thousand Nine Hundred Twenty	439,910.00
5	Front Cable Organizer for Voice patch panels / wiring blocks with complete labeling and dressing for incoming cable management.	no.	10	7,920.00	Seventy-Two Thousand	79,200.00
7	IP Executive Phone • Power over Ethernet (PoE) for VP-15P • 2 SIP accounts • Auto provision (TR-069, DHCP) • Headset connection • Large LCD display • 3.2 inch (81 mm) backlit monochrome display, 128x64 resolutions • 6 programmable keys • Local 3 Way-conference	no.	15	7,260.00	Ninety-Nine Thousand	108,900.00
8	IP Phone Emergency Telephone	no.	20	481,800.00	Eight Million Seven Hundred Sixty Thousand	9,636,000.00
9	PC Based Operator Console with Headphone & Mic	no.	2	274,685.00	Four Hundred Ninety-Nine Thousand Four Hundred Twenty-Eight	549,370.00
11	Operator Desktop Console -	no.	2	117,572.00	Two Hundred Thirteen Thousand Seven Hundred Sixty-Eight	235,144.00
12	IP Hybrid IPABX • Capacity 500 lines • VAS Support IP PBX for 500 subscribers with VAS support, • High-quality voice processing, • Carrier class reliability, • 100 VoIP channels, • 16 E1 streams, • Support for 2 built-in SD 8 GB • Hardware redundancy • Calls management • Audio Compression • Voice standards • Fax transmission • Advanced SIP/SIP-T/SIP-I functionality • Value added services	no.	1	5,960,823.00	Five Million Four Hundred Eighteen Thousand Nine Hundred Thirty	5,960,823.00
13	Industrial Grade Access 8 port Switch • 8 ports 10/100/1000 PoE • 2x 1G SFP uplink ports • 1GB RAM and 2GB NVRAM. • support 60 Watt POE budget • 20 Gbps or higher Switching capacity • 10 Mpps or Higher Forwarding rate	no.	26	92,400.00	Two Million One Hundred Eighty-Four Thousand	2,402,400.00
14	Installation, Programming, Testing and Commissioning of complete system including cable trays,Stainless steel pipe/ Stainless steel flexile pipe	Job	1	incl. in above		incl. in above
	Total Price (Pak Rs.)					19,883,947.00

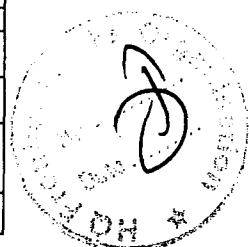


KHOJAK TUNNEL

Traffic Mangement & Toll Collection System

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
D	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specifications attached herewith					
1	Fare / Toll Collection S/W intergated with Main DC	No.	1	5,405,400	Five Million Four Hundred Five Thousand Four Hundred	5,405,400
2	AVC Automatic Vehicle classification	No.	6	2,779,920	Two Million Seven Hundred Seventy-Nine Thousand Nine Hundred Twenty	16,679,520
3	Toll Station attendant PC (Core i7) with Fare / Toll Collection software	No.	6	540,540	Five Hundred Forty Thousand Five Hundred Forty	3,243,240
4	Thermal Printer / booth	No.	6	15,444	Fifteen Thousand Four Hundred Forty-Four	92,664
5	RFID Card Feeder / Booth	No.	6	146,718	One Hundred Forty-Six Thousand Seven Hundred Eighteen	880,308
6	Automatic Toll station Barrier / lane	No.	6	231,660	Two Hundred Thirty-One Thousand Six Hundred Sixty	1,389,960
7	Two Light Sign Indicator for Toll / lane	No.	64	54,054	Fifty-Four Thousand Fifty-Four	3,459,456
8	Toll RFID PASS CARDS	No.	10000	540	Five Hundred Forty	5,400,000
9	UPS with batteries for Toll Station / Booth for 2 hour backup	No.	6	257,400	Two Hundred Fifty-Seven Thousand Four Hundred	1,544,400
10	IP Based Outdoor ANPR Camera with Software • Image Sensor : 2 MPX • Lens Type :motorized, auto-iris function, f=7 ~ 22 mm/F1.4 • IR Range : 100 meter • Frame Rate 60 fps for 1920 x 1080 (Full HD) • Recommended maximum speed of the vehicle 70 km/h • Minimum IP Class: IP67 • Memory Micro SD Card Slot up to 128 GB • along with ANPR software • Operating Temperature -30°C ~ 60°C	No.	6	386,100	Three Hundred Eighty-Six Thousand One Hundred	2,316,600
11	Overhead Lane Sign	No.	6	152,123	One Hundred Fifty-Two Thousand One Hundred Twenty-Three	912,738
12	Traffic Light Head (2 Aspect - LED Based)	No.	6	223,938	Two Hundred Twenty-Three Thousand Nine Hundred Thirty-Eight	1,343,628
13	Alarm Lamp	No.	6	120,463	One Hundred Twenty Thousand Four Hundred Sixty-Three	722,778
14	Alarm Horn (Violation Siren)	No.	6	108,108	One Hundred Eight Thousand One Hundred Eight	648,648
15	User Fare Display	No.	6	69,498	Sixty-Nine Thousand Four Hundred Ninety-Eight	416,988
16	Panic Button	No.	6	6,950	Six Thousand Nine Hundred Fifty	41,700
17	Toll Management Server with antivirus and lane software complete in all respect	No.	1	1,544,400	One Million Five Hundred Forty-Four Thousand Four Hundred	1,544,400
18	24-PORT PoE+ Managed Switch 24 PoE Ethernet ports of 10/100/1000 Mbps with SFP ports	No.	2	231,660	Two Hundred Thirty-One Thousand Six Hundred Sixty	463,320
19	Installation, Programming, Testing and Commissioning of complete system including cable trays,Stainless steel pipe/ Stainless steel flexible pipe	Job	1	Incl.in above		Incl.in above
	Total Price (Pak Rs.)					46,505,748



KHOJAK TUNNEL

Fire Alarm System

BILL OF QUANTITIES

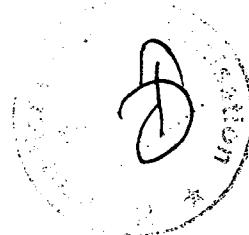
Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
E	Supply, wiring, tagging, termination, design, installation, testing and commissioning of IP Based Intelligent Addressable Fire Alarm System complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	Addressable Fire Alarm Control Panel of 4-Loops Expendible upto 8 loops having maximum 250 devices per loop. The FACP shall be self powered with built in 12V batteries for 48 Hrs backup with charging unit and Fiber Optic Interface with Network Card. It can be programmed using Windows based software for peripheral devices like display unit, and also fix teh printers etc.	No.	6	894,465.00	Eight Hundred Ninety-Four Thousand Four Hundred Sixty-Five	5,366,790.00
2	Fire Repeater Panel along with termination of all Control / Signal cables complete in all aspects. Panel to have all loops marked in distinguishable colors with individual LED's.	No.	2	321,750.00	Three Hundred Twenty-One Thousand Seven Hundred Fifty	643,500.00
3	Addressable Multi Detectors (Smoke + Heat) incorporating a pulsing LED located in labyrinth with in the housing of the detector. Sensing of the detector shall be adjustable via software between 0-90 seconds. The detector shall have built in short circuit isolators on both inputs. The Detector shall have double smoke sensor (IR,UV), double heat sensor, Detectable test fires from TF1 up to TF9, soft addressing programmable parameters, low current consumption, automatic drift compensation, Standard EN 54-5, EN 54-7, EN 54-17.	No.	635	15,444.00	Fifteen Thousand Four Hundred Forty-Four	9,806,940.00
4	Addressable Reset Break Glass Type Manual Call Point Outdoor having a built in short circuit isolator and built in microprocessor to ensure a response time of max 1 second. It also incorporates an indication LED , flashed after pressing the button to acknowledge the activation and a key operation facility for testing purposes. indoor and outdoor application • EN 54-11 (type B), IP-55 rating,	No.	60	12,587.00	Twelve Thousand Five Hundred Eighty-Seven	755,220.00
5	Addressable Type Outdoor Loop Powered electronic sounder with - voice messages & sound, 16 sound patterns, programmable, 2 power options, minimum sound output 103 dB at 1 meter with frequencies for variety of sounds, built-in short circuit isolator, IP Rating 21C harsher environments, configured via software and EN 54-3, EN 54-17.	No.	60	21,236.00	Twenty-One Thousand Two Hundred Thirty-Six	1,274,160.00
6	Addressable Beam Detector 100 meter, IR smoke detection, built-in laser pointer, programmable sensitivity and built-in short circuit isolator with EN 54-12, EN 54-17 standards."	No.	60	109,395.00	One Hundred Nine Thousand Three Hundred Ninety-Five	6,563,700.00
7	Universal Control Panel for Fire Dampers / Ventilation equipped with control module, I/O module, addressable module and power supply.	No.	1	270,270.00	Two Hundred Seventy Thousand Two Hundred Seventy	270,270.00
8	Ventilation Manual activation Point	No.	20	12,587.00	Twelve Thousand Five Hundred Eighty-Seven	251,740.00
9	INPUT / OUT Module with 4 outputs (2 A/230 V/62,5 VA) and 4 inputs (LV)	No.	24	19,949.00	Nineteen Thousand Nine Hundred Forty-Nine	478,776.00
10	Management Server with Management & Client Software Intel XEON Quad Core E3-1240 3.3GHZ (8MB Cache) 4GB DDR3 RAM - 4 TB SATA Hard Drive DVD RW	No.	1	514,800.00	Five Hundred Fourteen Thousand Eight Hundred	514,800.00

KHOJAK TUNNEL

Fire Alarm System

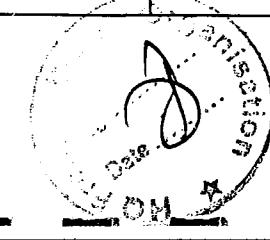
BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
11	Wiring for complete Fire Alarm System using 2C, 1.5 sqmm fire resistance cable, Sheath shall be termoplastic LSNH Type LTS 3 to BS 7655-6.1 in 25mm dia PVC conduit from Fire Alarm Control Panel to all sensors & devices including all installation accessories, complete in all respect.	m	11,000	322.00	Three Hundred Twenty-Two	3,542,000.00
12	75w DC Power supply at 24V	No.	33	12,870.00	Twelve Thousand Eight Hundred Seventy	424,710.00
13	Installation, Programming, Testing and Commissioning of complete system including cable trays, Stainless steel pipe/ Stainless steel flexile pipe	Job	1	Incl.in above		Incl. in above
Total Price (Pak Rs.)						29,892,606.00



KHOJAK TUNNEL
Air Quality Monitoring and Data Acquisition System
BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
F	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	Non-dispersive Infrared Method based CO Sensor/Monitor complete in all respect Range: 0 to 200 ppm Resolution: 1 ppm	No	2	1,322,795	One Million Three Hundred Twenty-Two Thousand Seven Hundred Ninety-Five	2,645,590
2	Gas Phase Chemiluminescence based NO & NO2 Sensor/Monitor complete in all respect Range: 0 to 50 ppm for NO and 0 to 2.0 ppm for NO2 Resolution: 1 ppm for NO and 0.01 ppm for NO2	No	2	3,256,110	Three Million Two Hundred Fifty-Six Thousand One Hundred Ten	6,512,220
3	Light transmission based Visibility Sensor/Monitor Range: 0 to 0.015/m Resolution: 0.0001/m	No	2	1,190,516	One Million One Hundred Ninety Thousand Five Hundred Sixteen	2,381,032
4	Beta-Ray Absorption based PM10 & PM2.5 Sensor/Monitor Range: 0 to 1000 ug/m ³ for PM10 and 0 to 100 ug/m ³ for PM2.5 Resolution: 1 ug/m ³ for PM10 and 0.1 ug/m ³ for PM2.5	No	2	6,105,207	Six Million One Hundred Five Thousand Two Hundred Seven	12,210,414
5	Ultraviolet Fluorescence based SO2 Sensor/Monitor Range: 0 to 200 ug/m ³ Resolution: 1 ug/m ³	No	2	2,442,083	Two Million Four Hundred Forty-Two Thousand Eighty-Three	4,884,166
6	Operator Workstation and Software •Core i7 (or higher) processor of the latest generation •Intel latest series chipset •16 GB RAM •1TB Internal Hard disk drive •Relevant Ports •HDMI port for connection to the High Quality Monitor •DVD/RW drive •R/W combination CDR and DVD, Keyboard, Mouse and Peripheral Interface Cards	No	1	1,221,042	One Million Two Hundred Twenty-One Thousand Forty-Two	1,221,042
7	Cables, Switches, Racks, Galvanized steel pipe and mounting hardware	Lot	1	1,628,055	One Million Six Hundred Twenty-Eight Thousand Fifty-Five	1,628,055
8	Installation, Testing and Commissioning of Complete System	Job.	1	2,442,083	Two Million Four Hundred Forty-Two Thousand Eighty-Three	2,442,083
	Total Price (Pak Rs.)					33,924,602

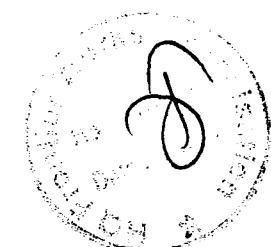


KHOJAK TUNNEL

Tunnel Radio For Rescue Maintenance System

BILL OF QUANTITIES

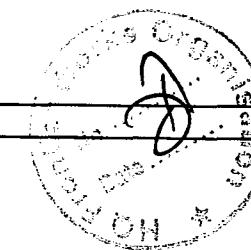
Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
G	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	Digital VHF Walkie Talkie Handset	No.	12	148,005	One Hundred Forty-Eight Thousand Five	1,776,060
2	Digital VHF Repeater/Base Station complete with standard accessories	No.	1	694,980	Six Hundred Ninety-Four Thousand Nine Hundred Eighty	694,980
3	Leaky Coaxial Cable	Meter	5300	3,861	Three Thousand Eight Hundred Sixty-One	20,463,300
4	Omnidirectional indoor ceiling antenna, RF Coupler and Power divider complete with standard accessories for Control Building	No.	16	12,870	Twelve Thousand Eight Hundred Seventy	205,920
5	Digital VHF Mobile Radios for Vehicles complete with Antenna and standard accessories	No.	2	141,570	One Hundred Forty-One Thousand Five Hundred Seventy	283,140
6	Network Management Server/Dispatcher Workstation (DWS)	No.	1	386,100	Three Hundred Eighty-Six Thousand One Hundred	386,100
7	Network Management Portable Computer (Laptop)	No.	1	154,440	One Hundred Fifty-Four Thousand Four Hundred Forty	154,440
8	Multi Unit Gang Chargers	No.	2	109,395	One Hundred Nine Thousand Three Hundred Ninety-Five	218,790
9	Cables, Switches, Racks, Galvanized Steel Pipes and Mounting Hardware	Lot	1	1,415,700	One Million Four Hundred Fifteen Thousand Seven Hundred	1,415,700
10	Installation, Testing and Commissioning of Complete System	Job.	1	2,123,550	Two Million One Hundred Twenty-Three Thousand Five Hundred Fifty	2,123,550
	Total Price (Pak Rs.)					27,721,980



KHOJAK TUNNEL
Emergency Exit Light System

BILL OF QUANTITIES

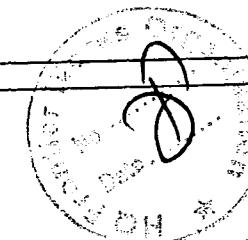
Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
H	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	Emergency Light System -Type A					
a	UL Certified High Precision Moulded housing ,Fire Retardant ,ABS Housing, Highly Active LED Light Source, NON Maintainted of operation, IP 65, AC Power source ,7W, Emergency Duration 3 Hours, battery NI-CD, Temprature -5 to 50C	No	5	61,776	Sixty-One Thousand Seven Hundred Seventy-Six	308,880
2	Emergency Exit Light System-Type B					
a	UL Certified White aluminium alloy Housing ,Fire Retardant ,ABS Housing, Highly Active LED Light Source, NON Maintainted of operation, AC Power source ,5W, Emergency Duration 3 Hours, battery NI-CD, Temprature -5 to 50C	No	5	64,350	Sixty-Four Thousand Three Hundred Fifty	321,750
3	10 KVA (minimum) with Gel Battries for 6 Hours	No	10	1,866,150	One Million Eight Hundred Sixty-Six Thousand One Hundred Fifty	18,661,500
4	Interface with fire alaram System	Job	1	643,500	Six Hundred Forty-Three Thousand Five Hundred	643,500
5	Installation, Programming, Testing and Commissioning of complete system including cable trays, Stainless steel pipe/ Stainless steel flexile pipe	Job	1	incl.in above		incl.in above
Total Price (Pak Rs.)						19,935,630



KHOJAK TUNNEL
Optical Fiber Cable System

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
1	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specificaitons attached herewith					
1	48 Core Fiber Optic Cable ,Standard G652-D, <ul style="list-style-type: none"> • Cable type Single Mode • Cable construction Loose tube • Layer of Aramid Yarn 5mm • Wavelength 1300/1550 nm • Max attenuation 0.36 db/km • Excavation duct price with all accessories shall be included 	m	9,500	1,698.00	One Thousand Six Hundred Ninety-Eight	16,131,000
2	High Density Polyethylene Pipe (HDPE) Provision of services to install the Optical Fiber cable in ordinary soil & concrete area in 5ft depth and 45 centimeter width of trench with sand layer and installation of warning tape and route indicators including digging and refilling	m	3,000	695.00	Six Hundred Ninety-Five	2,085,000
3	GI Pipe Provision of services to install the Optical Fiber cable in ordinary soil & concrete area in trench with sand layer and installation of warning tape and route indicators including digging and refilling	m	8,500	880.00	Eight Hundred Eighty	7,480,000
4	Man Hole/Hand Hole Man Hole/Hand hole should pre-cast RCC structure. The Hand hole inner size shall $W \times L \times D = 0.9M \times 0.9M \times 0.9M$ For Pre-cast manhole/hand hole, shall be <ul style="list-style-type: none"> • Concrete Ratio =1:1.5:3, target strength >2400 PSI • Steel Bar=10 mm (min) used every 4 inches horizontally & vertically • Thickness of Walls=4inches • Entry holes should be made in advance in four walls • Slab and cover should be same strength of material, which will be used for covering the manhole and hand hole 	No	30	115,830.00	One Hundred Fifteen Thousand Eight Hundred Thirty	3,474,900
5	Rope for spare HDPE Pipe, Route Markers, GI Pipe, Cable/HH Tagging, Caution Tape.	m	8,500	33.00	Thirty-Three	280,500
6	OFC Joint Boxes IP 68 for Fiber Optic Cable provided with Gasket type insulation	No	30	193,050.00	One Hundred Ninety-Three Thousand Fifty	5,791,500
7	OFC Distribution Frame (ODF) IP 68	No	30	193,050.00	One Hundred Ninety-Three Thousand Fifty	5,791,500
8	Installation, Programming, Testing and Commissioning of complete system including cable trays,Stainless steel pipe/ Stainless steel flexible pipe	Job	1	Incl. in above		Incl. in above
Total Price (Pak Rs.)						41,034,400



KHOJAK TUNNEL

Central Control and Monitoring Station

Engineer's Estimate

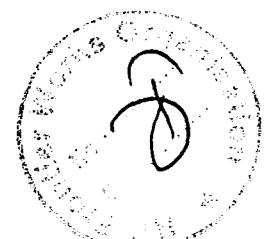
Pay Item No.	item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
J	Supply, wiring, tagging, termination, design, installation, testing and commissioning of following system complete in all respects including all material, labor, tools, accessories etc. as per latest applicable international standards and technical specifications attached herewith					
1	Customized Software, Application Development.	No.	1	2,316,600	Two Million Three Hundred Sixteen Thousand Six Hundred	2,316,600
a	Help line Software	No.	1	2,202,200	Two Million Two Hundred Two Thousand Two Hundred	2,202,200
b	Smart network monitoring and management system					
	Main Rack mount Server (with minimum of following specs): - Intel Xeon GOLD 16 Processor or eqvt - redundant Power supply - 32GB DDR4-RAM - Full height PCIe filler - MegaRAID Controller - 6 TB SAS, HDD/hot plug/drive sled mounted - MegaRAID (Raid card)	No.	2	3,088,800	Three Million Eighty-Eight Thousand Eight Hundred	6,177,600
2						
3	Fail Over Server (with minimum of following specs): -Intel Xeon GOLD 16 Processor or eqvt - redundant Power supply - 32GB DDR4-RAM - Full height PCIe filler - MegaRAID Controller - 6 TB SAS, HDD/hot plug/drive sled mounted - MegaRAID (Raid card)	No.	2	3,088,800	Three Million Eighty-Eight Thousand Eight Hundred	6,177,600
4	Video Storage minimum of 30 Days of recording at 60 fps (NVR or SAN Storage)	No.	1	1,235,520	One Million Two Hundred Thirty-Five Thousand Five Hundred Twenty	1,235,520
5	SMD Video Wall Panels					
a	Video Wall Panels, (18X18 feet) SMD 2.5 mm • Aspect Ratio: 0.5 • Pixel Pitch (mm): 1.9 • Full HD: 1920x1080 • Brightness (Typ.): 1000 nit • Contrast Ratio: 5000:01 • Viewing Angle (H/V): 160/160H , +80/-80V • LED Refresh Rate: 3840HZ • Display Colors: 2.1 Trillion	No.	1	27,087,500	Twenty-Seven Million Eighty-Seven Thousand Five Hundred	27,087,500
b	Video Controllers	No.	1	1,737,450	One Million Seven Hundred Thirty-Seven Thousand Four Hundred Fifty	1,737,450
C	Video Wall Publishing Software, Lic	No.	1	617,760	Six Hundred Seventeen Thousand Seven Hundred Sixty	617,760
6	Core i7 10th Gen Desktop computer with high end graphics cards with 8GB RAM or higher.	No.	6	328,185	Three Hundred Twenty-Eight Thousand One Hundred Eighty-Five	1,969,110
7	A4 Printer, Network/Ethernet Printer, 30PPM with 10 No. of spare cartridges for each printer	No.	2	45,045	Forty-Five Thousand Forty-Five	90,090
8	Cooling System (C Rack type)	Lot	1	707,850	Seven Hundred Seven Thousand Eight Hundred Fifty	707,850
9	Enviormental monitoring and Control	Lot	1	3,217,500	Three Million Two Hundred Seventeen Thousand Five Hundred	3,217,500
10	A3 Colour Printer	No.	1	173,745	One Hundred Seventy-Three Thousand Seven Hundred Forty-Five	173,745
11	Video Management & Analytics Software					

KHOJAK TUNNEL

Central Control and Monitoring Station

Engineer's Estimate

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
a	Centralised Video Analytics	No.	1	1,480,050	One Million Four Hundred Eighty Thousand Fifty	1,480,050
12	Core Switch with hot swappable redundant power supply having Minimum 48 port 10G SFP+ QSFP28 uplink ports of 40G/100G 4GB RAM and 32GB NVRAM 2MB packet buffer 1.28 Tbps or higher Switching capacity 2 Gbps or Higher Forwarding rate	No.	2	3,861,000	Three Million Eight Hundred Sixty-One Thousand	7,722,000
13	Next Generation Firewall SIC/RISC based CPU Support UTM features SNMP v1/v2/v3, TCP/IP-based, SNMP v2 MIB protocols Telnet CLI, SNMP v1, v2c, v3 and Web-Based Management	No.	2	2,316,600	Two Million Three Hundred Sixteen Thousand Six Hundred	4,633,200
14	Access Layer-3 Switch Primary Data Center and DR Data Center 24 ports 10/100/1000 PoE 2x 1G RJ45 uplink-ports 2x 10G SFP+ 2x1G SFP with 1GB RAM and 2GB NVRAM 130 Gbps or higher Switching capacity 90 Mpps or Higher Forwarding rate	No.	4	193,050	One Hundred Ninety-Three Thousand Fifty	772,200
15	40 KVA UPS with 4 hour backup for for Control Room	No.	1	5,148,000	Five Million One Hundred Forty-Eight Thousand	5,148,000
16	Communication Rack 42U (Floor Mounted), 19 inches suitable for installation of standard patch panels and etc. Complete with floor base, vertical cable managers. Rack shall be equipped with power distribution units (PDUs) with at least 5 imported power sockets etc. Complete in all respects.	No	6	136,744	One Hundred Thirty-Six Thousand Seven Hundred Forty-Four	820,464
17	Installation, Programming, Testing and Commissioning of complete system including cable trays,Stainless steel pipe/ Stainless steel flexible pipe	Job	1	Incl.in above		Incl. in above
Total Price (Pak Rs.)						74,286,439

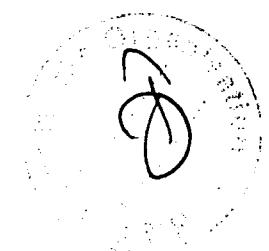


DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 5: DRAINAGE & EROSION WORKS						
401a1ii	Concrete Class A-1 (On Ground) for Chutes, Ducts (Services Crossing) & Drain	CM	3,016.00	26,408.00	Twenty-Six Thousand Four Hundred Eight	79,646,528.00
401b	Concrete Class B	CM	14,190.00	18,403.00	Eighteen Thousand Four Hundred Three	261,138,570.00
401f	Lean Concrete	CM	974.00	15,194.00	Fifteen Thousand One Hundred Ninety-Four	14,798,956.00
404b	Reinforcement as per AASHTO M-31 Grade 60	Ton	302.00	325,448.00	Three Hundred Twenty-Five Thousand Four Hundred Forty-Eight	98,285,296.00
412a	Stone Masonary Dressed Coursed With Mortar	CM	1,015.00	15,479.00	Fifteen Thousand Four Hundred Seventy-Nine	15,711,185.00
501e	Reinforced Concrete Pipe AASHTO M 170, Class II diameter 760 mm	M	275.00	17,898.00	Seventeen Thousand Eight Hundred Ninety-Eight	4,921,950.00
501f	Reinforced Concrete Pipe AASHTO M 170, Class II diameter 910 mm	M	627.00	23,974.00	Twenty-Three Thousand Nine Hundred Seventy-Four	15,031,698.00
502b	Concrete Class B in bedding and Encasement of Concrete Pipe Culvert	CM	689.00	20,750.00	Twenty Thousand Seven Hundred Fifty	14,296,750.00
507a	Steel Wire Mesh for Gabions	Kg	9,726.00	535.00	Five Hundred Thirty-Five	5,203,410.00
507b	Rock Fill in Gabions	CM	973.00	3,740.00	Three Thousand Seven Hundred Forty	3,639,020.00
510	Dismantling of Structures and Obstructions	CM	10,000.00	3,436.00	Three Thousand Four Hundred Thirty-Six	34,360,000.00
511b2	Grouted Stone Pitching 20-25 cm Thick with Bitumen Joints	SM	3,960.00	5,126.00	Five Thousand One Hundred Twenty-Six	20,298,960.00
SP-501	Supplying & Installation of uPVC Pipe 100/150 mm dia	M	1,408.00	3,031.00	Three Thousand Thirty-One	4,267,648.00
					Total Amount (Rs)	571,599,971.00

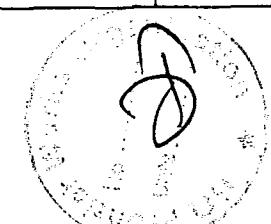


DUALIZATION OF KHUZDAR - CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
Bill No. 6: ANCILLARY WORKS						
401f	Lean Concrete	CM	1,330.00	15,194.00	Fifteen Thousand One Hundred Ninety-Four	20,208,020.00
601ai	RCC New Jersey Barrier (In Situ) for Median Double Face (including reinforcement)	M	14,500.00	17,687.00	Seventeen Thousand Six Hundred Eighty-Seven	256,461,500.00
601a ii	RCC New Jersey Barrier (In Situ) as per drawings ; Single face (including reinforcement)	M	2,000.00	13,734.00	Thirteen Thousand Seven Hundred Thirty-Four	27,468,000.00
601d ii	Pre-cast Curb in Concrete Class A-1 including bedding and haunching as per drawings	M	32,010.00	2,780.00	Two Thousand Seven Hundred Eighty	88,987,800.00
604a	Metal Guard Rail	M	8,800.00	9,921.00	Nine Thousand Nine Hundred Twenty-One	87,304,800.00
604b	Metal Guard Rail End Pieces	Each	176.00	9,940.00	Nine Thousand Nine Hundred Forty	1,749,440.00
604d	Steel Post for Metal Guard Rail	Each	4,632.00	11,684.00	Eleven Thousand Six Hundred Eighty-Four	54,120,288.00
607a	Traffic Road Signs, Category -1	Each	50.00	33,472.00	Thirty-Three Thousand Four Hundred Seventy-Two	1,673,600.00
607b	Traffic Road Signs, Category - 2	Each	50.00	40,376.00	Forty Thousand Three Hundred Seventy-Six	2,018,800.00
607e	Traffic Road Signs, Category - 3c	SM	100.00	59,165.00	Fifty-Nine Thousand One Hundred Sixty-Five	5,916,500.00
608h2	Pavement Marking in Reflective TP Paint of 15 cm Width	M	92,234.00	210.00	Two Hundred Ten	19,369,140.00
608j2	Pavement Marking in Reflective TP Paint for 4m Arrows	Each	5.00	2,390.00	Two Thousand Three Hundred Ninety	11,950.00
609ci	Reflectorised Plastic Pavement Studs ,(Raised Profile Type - Single)	Each	9,031.00	650.00	Six Hundred Fifty	5,870,150.00
610c	Kilometer Post	Each	30.00	9,191.00	Nine Thousand One Hundred Ninety-One	275,730.00
SP-504	Delineators/Angle Reflector	Each	291.00	495.00	Four Hundred Ninety-Five	144,045.00
SP-601a	Gantry Sign Type -I as shown on drawings	Each	1.00	4,500,000.00	Four Million Five Hundred Thousand	4,500,000.00
					Total Amount (Rs)	576,079,763.00



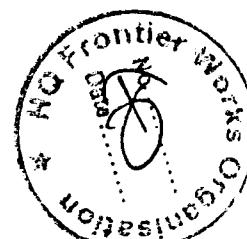
DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	
BILL NO. 7: GENERAL ITEMS						
Sp-701 (a)	Provide Surveying & allied instruments	PS	-	2,000,000.00	two million	2,000,000
Sp-701 (b)	Maintain Survey Instruments, provide vehicle, Survey Team & helpers	Month	24.00	2,297,536.00	Two Million Two Hundred Ninety-Seven Thousand Five Hundred Thirty-Six	55,140,864
Sp-702 a	Provide the Employer's and Engineer's Representative's Office & Residence (on rental basis)	PS	-	5,000,000.00	Five million	5,000,000
Sp-702b	Furnish and Equip. Employer's & Engineer's Representative office & Residence.	PS	-	5,000,000.00	five million	5,000,000
Sp-702c	Maintain Employer's and Engineer's Representative office & Residence.	Month	24.00	1,650,000.00	One Million Six Hundred Fifty Thousand	39,600,000
Sp-703a	Provide Material Testing Project Laboratory (rental basis)	PS	-	3,500,000.00	Three million five hundred thousand	3,500,000
Sp-703b	Equip & Furnish Material Testing Project Laboratory.	PS	-	5,000,000.00	five million	5,000,000
Sp-703c	Maintain Material Testing Project Laboratory including provision 04 helpers	Month	24.00	1,045,000.00	One Million Forty-Five Thousand	25,080,000
Sp-708a	Provide Employer's Representative's Transport (i) Toyota Revo or equivalent	Each	1.00	16,075,917.00	Sixteen Million Seventy-Five Thousand Nine Hundred Seventeen	16,075,917
	(ii) Toyota Single Cabin or equivalent	Each	1.00	10,671,507.00	Ten Million Six Hundred Seventy-One Thousand Five Hundred Seven	10,671,507
Sp-708b	Provide Engineer's Representative Transport (i) Toyota Revo or equivalent	Each	1.00	16,075,917.00	Sixteen Million Seventy-Five Thousand Nine Hundred Seventeen	16,075,917
	(ii) Toyota Single Cabin or equivalent	Each	3.00	10,671,507.00	Ten Million Six Hundred Seventy-One Thousand Five Hundred Seven	32,014,521
Sp-708c	Running & Maintenance of Employer's / Engineer's Representative's Transport	Vehicle-Month	192.00	159,306.00	One Hundred Fifty-Nine Thousand Three Hundred Six	30,586,752
NSI-IV	Employing Trainee Engineer's with Boarding, Lodging and messing	Man-Month	96.00	60,000.00	Sixty Thousand	5,760,000
					Total Amount (Rs)	251,505,478

Note: The purchase of the vehicle will be subject to clearance from the Austerity Committee



DUALIZATION OF KHUZDAR – CHAMAN SECTION OF N-25 (BALOCHISTAN EXPRESSWAY)

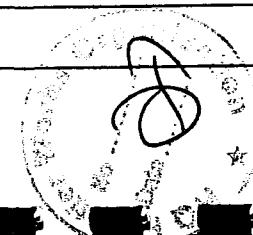
SECTION-VII (KM 395+000 ~ KM 412+500)

BILL OF QUANTITIES

Pay Item No.	Item Description	Unit	Quantity	Rate (Rs)		Amount (Rs.)
				In Figures	In words	

BILL NO. 8 FACILITIES

A. Galvanized Wire Mesh						
611a	Galvanized Wire Mesh Fence 1500 mm High With Precast Prestressed R.C.C Post Completer in All Respect as per M2 Standard	M	36,000.00	5,883	Five Thousand Eight Hundred Eighty-Three	211,788,000
B. Toll Plaza and Allied Works						
08-Lane 01 Nos.Toll Plaza at Qilla Abdullah including 20 Nos. toll booth complete in all respect, Complete structure steel canopy at each location, complete lighting arrangement for canopy area and lights with light poles (single arm/double arm) using pakistan cable/Fast Cable/Newage (3 cores & 4 cores), feeder pillars, main & sub distribution panels, earthing etc. complete in all respect. Transformer 100 KV at each location. 01 Nos. Admin building, single story with light fixtures with cables, light & power plugs, plumbing, sanitation, overhead tank etc. complete in all respect. 01 Nos Generator room (100 sft at each location) and generator Volvo/Caterpillar make (100 KV at each location), exhaust fans, lighting arrangement.		PS	-	400,000,000	four hundred million	400,000,000
Weigh Station Building (01 Nos.),complete in all Respect.		PS	-	15,000,000	fifteen million	15,000,000
Weighing Equipment (01 Nos.), complete in all Respect.		PS	-	20,000,000	twenty million	20,000,000
NSI	Pedestrian Bridge (4x Locations)	P.S		400,000,000	four hundred million	400,000,000
	TOTAL (BILL NO. 08)					1,046,788,000



Declaration of Ultimate Beneficial Owners Information for Public Procurement Contracts

Contract No= 2 (SS2C-03)

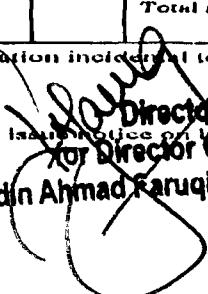
1. Name Fecitier Works Organization (FWO)
2. Father's Name/Spouse's Name Not Applicable
3. CNIC/NICOP/Passport no. Not Applicable
4. Nationality Pakistani
5. Residential address 1501, Kashmir Rd, RA Bazaar Rawalpindi
6. Email address deeflanes@fwow.com.pk
7. Date on which shareholding, control or interest acquired in the business. Not Applicable
8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entities or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided:

1	2	3	4	5	6	7	8	9	10
Name	Legal form (Company/Limited Liability Partnership/Association of Persons/Single Member Company// Partnership Firm/ Trust/Any other individual, body corporate (to be specified))	Date of incorporation/ registration	Name of registering authority	Business Address	Country	Email address	Percentage of shareholding, control or interest of BO in the legal person or legal arrangement	Percentage of shareholding, control or interest of legal person or legal arrangement in the Company	Identity of Natural Person who ultimately owns or controls the legal person or arrangement
	<u>Government</u>	<u>1991-01-01</u>	<u>PAKISTAN</u>	<u>PAKISTAN</u>	<u>PAKISTAN</u>	<u>PAKISTAN</u>	<u>N/A</u>	<u>N/A</u>	
	<u>Owned Entity</u>	<u>1991-01-01</u>	<u>PAKISTAN</u>	<u>PAKISTAN</u>	<u>PAKISTAN</u>	<u>PAKISTAN</u>	<u>N/A</u>	<u>N/A</u>	

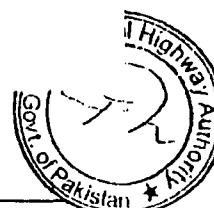
9. Information about the Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names).

1	2	3	4	5	6	7	8
Name and surname (In Block Letters)	CNIC No. (in case of foreigner, Passport No.)	Father's/ Husband's Name in full	Current Nationality	Any other Nationality (ies)	Occupation	Residential address in full or the registered/ principal office address for a subscriber other than natural person	Number of shares taken by each subscriber (in figures and words)
<u>N/A</u>							
Total number of shares taken (in figures and words)							

10. Any other information incidental to or relevant to Beneficial Owner(s).

Name & signature 
Director Plans
 (Person authorized to issue notice on behalf of the company)

Brig Rahimuddin Ahmad Karuqi, (Retd)



DUALIZATION OF KARARO – WADH SECTION (83-KM) & KUCHLAK – CHAMAN SECTION (104-KM) OF NATIONAL HIGHWAY (N-25), (LENGTH: 187-KM); (Balochistan Expressway),
 SECTION-VII: Kuchlak To Chaman 395+000 TO KM: 412+500.

