



Government of the People's Republic of Bangladesh Ministry of Road Transport and Bridges Road Transport and Highways Division Roads & Highways Department

ADDENDUM-1

To

THE CONTRACT FOR CONSULTANCY SERVICES

For

Design and Construction-Supervision of Paira Bridge (Lebukhali Bridge) over the river Paira on Barisal-Patuakhali road, Bangladesh

(KUWAIT FUND LOAN NO. 841)

Between

Roads and Highways Department

Ana

ICT-Kunhwa-NARCO-EPC JV

Intercontinental Consultants and Technocrats Pvt. Ltd
Kunhwa Consulting & Engineering Co. Ltd
Dr. Nabeel Abdul-Raheem Consultants
Engineering and Planning Consultants Ltd

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Annexure-4: Cost Estimates (Revised)

iii. Attachments:-

Attachment-1: Approval of Addendum-1

Attachment-2: Authorization letter(s) for Addendum-1 Contract signing

















This ADDENDUM-1 (hereinafter called the "Addendum-1") to the original CONTRACT AGREEMENT is made the 3rd day of the month of February 2016, between, on the one hand, The Chief Engineer, Roads & Highways Department (hereinafter called the "Client") and, on the other hand, a joint venture consisting of the following entities, each of which will be jointly and severally liable to the Client for all the Consultant's obligations under this Contract, namely, Intercontinental Consultants and Technocrats Pvt. Ltd and Kunhwa Consulting & Engineering Co. Ltd, Dr. Nabeel Abdul-Raheem Consultants, Engineering and Planning Consultants Ltd (hereinafter called the "Consultant").

WHEREAS

- (a) The Client and the Consultants entered into a Contract (hereinafter called the "Original Contract") on 08 December 2013 for providing certain consulting services as defined in the Original Contract (hereinafter called the "Services");
- (b) The necessity for Addendum-1 has risen from the requirement of additional inputs of the Consultant due to the extension of time for the design phase of the Original Contract.
- (c) The Government of Bangladesh has approved the Addendum-1.

NOW THEREFORE the parties hereto hereby agree as follows:

- 1. In this Addendum-1 words and expressions shall have the same meaning as are respectively assigned to them in the Original Contract referred to.
- 2. The following documents attached hereto shall be deemed to form an integral part of the Addendum-1.
 - a) The Form of the Addendum-1.
 - b) The Annexure (1 to 4)

Annexure-1: The Particular Conditions of Contract (PCC) (Revised)

Annexure-2: Work Plan (Revised)

Annexure-3: Staffing Schedule of Key Personnel (Revised)

Annexure-4: Cost Estimates (Revised)



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- 3. The following attached documents shall also be deemed to form an integral part of the Addendum-1:
 - Attachment 1: Approval of Addendum-1.
 - b) Attachment 2: Authorization letter(s) for Addendum-1 signing
- 4. The mutual rights and obligation of the Client and Consultant shall remain enforce as set forth in the Original Contract.
- 5. The other terms and conditions of Original Contract shall remain unchanged.

IN WITNESS We, the Parties hereto have caused this Addendum-1 to be signed in their respective names as of the day and year first above written.

For and on behalf of the Members of the Consultants

For and on behalf of Roads & Highways **Department**

Intercontinental Consultants and Technocrats Pvt. Ltd, Kunhwa Consulting & Engineering Co. Ltd, Dr. Nabeel Abdul-Raheem Consultants.

> Prashant Kapila Chief Operating Officer (COO)

Intercontinental Consultants and Technocrats Pvt. Ltd.

Ebne Alam Hasan Chief Engineer Roads and Highways Department



Engineering and Planning Consultants Ltd.

Md. Abdul Wadud Bhuiyan Director, EPC Ltd.

In presence of:

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(Khan Md. Kamrul Ahsan) Project Director (SE.COLRHD Project Director (SE.COLRHD Paira Bridge (Leoukhali Bridge)) Construction Project

(Annad Sharif Shajib) Project Man E. CC, RHD) E. CC, RHD) Paira Bridge uukhali Bridge) Construction Project, Ohaka. ovkhali Bridge)

- EASIN ARAFAT. Office Manages LET-Dhaka,
- Sumi

Shaikh Sukuruzzaman Deputy Team Leader Paira Bridge (Lebukhali Bridge) Construction Project ICT-KUNHWA-NARCO-EPC-JV

ANNEXURE-1:

THE PARTICULAR CONDITIONS OF CONTRACT (PCC) (REVISED)¹







¹ Revised as per Addendum-1

Particular Conditions of Contract

GCC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
	RFP IDENTIFICATION NO:PD/Paira/01 date 31.12.2012
1.1 (c)	Name of the Client : Chief Engineer
	Roads & Highways Department
	Sarak Bhaban, Ramna, Dhaka-1000, Bangladesh
	Authorised
	Representative: Project Director
	Paira Bridge (Lebukhali Bridge) Construction Project
4.4.65	The Consultant is: ICT-KUNHWA-NARCO-EPC Joint Venture
1.1 (f)	[authorized representatives]
	Mr. Prashant Kapila
	President & Chief Operating Officer (COO)
	Intercontinental Consultants and Technocrats Pvt. Ltd
	A-8, Green Park
1.1 (o)	New Delhi-110 016 India
	The Intended Completion Date is July 2019
GCC 2.1	The assignment is to be completed in the following phases:
•	Design Phase (21 month): Design Phase consists of 09 months design period and 12 months Selection of contractor period.
	Construction-Supervision Phase (45 month): Construction Supervision Phase consists of 33 months Construction-Supervision Period and 12 months Defect- Liability Period.
GCC 3.1	The addresses for Communications and Notices are:
	Client : Chief Engineer
	Roads & Highways Department
	Sarak Bhaban, Tejgaon, Dhaka-1208, Bangladesh
	Attention : Project Director
	Paira Bridge (Lebukhali Bridge) Construction Project
• •	Bangladesh Road Research Laboratory, Mirpur, Dhaka,
	Bangladesh
	Facsimile : +88 029021685, +88 029021756
-	E-mail :pd.paira@gmail.com, pdpb@rhd.gov.bd
	Project + 2

	Consultant : ICT-KUNHWA-NARCO-EPC Joint Venture
	Attention : Mr. Prashant Kapila
	President & Chief Operating Officer (COO)
	Intercontinental Consultants and Technocrats Pvt. Ltd
	A-8, Green Park
	New Delhi-110 016 India
	Facsimile : 0091-11-26855252
	E-mail : pkapila@ictonline.com
GCC 6.1(e)	The following additional documents shall form the part of the Contract: None
GCC 8.1	Non eligible countries are: Israel
GCC 11.1	The Member in Charge is:
	Mr. Prashant Kapila
	President & Chief Operating Officer (COO)
	Intercontinental Consultants and Technocrats Pvt. Ltd
GCC 12.1	The Authorized Representatives are:
	For the Client : Project Director
·	Paira Bridge (Lebukhali Bridge) Construction Project
	For the Consultant: Mr. Prashant Kapila
	President & Chief Operating Officer (COO)
	Intercontinental Consultants and Technocrats Pvt. Ltd
	A-8, Green Park
l	New Delhi-110 016 India







	The Office
GCC 15.1	The Client warrants that the Client shall pay on behalf of the Consultant, the Sub-Consultants and the Personnel any indirect taxes, duties, fees, levies and other impositions imposed, under the Applicable Law, on the Consultant, the Sub-Consultants and the Personnel in respect of:
	(a) any payments whatsoever made to the Consultant, Sub-Consultants and the Personnel (other than nationals or permanent residents of the Government's country), in connection with the carrying out of the Services;
	(b) any equipment, materials and supplies brought into the Government's country by the Consultant or Sub-Consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn there from by them;
	(c) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Client and which is treated as property of the Client;
	(d) any property brought into the Government's country by the Consultant, any Sub-Consultants or the Personnel (other than nationals or permanent residents of the Government's country), or the eligible dependents of such Personnel for their personal use and which will subsequently be withdrawn there from by them upon their respective departure from the Government's country, provided that:
	(1) the Consultant, Sub-Consultants and Personnel, and their eligible dependents, shall follow the usual customs procedures of the Government's country in importing property into the Government's country; and
. • •	(2) if the Consultant, Sub-Consultants or Personnel, or their eligible dependents, do not withdraw but dispose of any property in the Government's country upon which customs duties and taxes have been exempted, the Consultant, Sub-Consultants or Personnel, as the case may be, (i) shall bear such customs duties and taxes in conformity with the regulations of the Government's country, or (ii) shall reimburse them to the Client if they were paid by the Client at the time the property in question was brought into the Government's country.
GCC 17.1	The conditions for effectiveness of the Contract are the following: none
GCC 18.1	The contract shall come into effect on the date the Client issues notice to the Consultant to commence carrying out the services.
GCC 20.1	The time for commencement of the Services shall be 14 (fourteen) days after the Effective Date of the Contract.
GCC 21.1	The Contract shall expire 66 months after the effective date unless terminated earlier pursuant to GCC clauses 63 to 66.
GCC 34.4(a)	The Consultant is notified of such actions, claims, losses or damages not later than 6 months after conclusion of the Services
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GCC 34.4(b) GCC 35.1(a)	The ceiling on Consultant's liability shall be limited to Contract amount. The risks and the coverage shall be as follows:
GCC 35.1(a)	The risks and the coverage shall be as follows:
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	(a) Third Party motor vehicle liability insurance in respect of motor vehicles operated in Bangladesh by the Consultant or its Personnel or any Sub-Consultants or their Personnel, with a minimum coverage of <i>Tk</i> 10,000 (<i>Taka ten thousand only</i>)
	(b) Third Party liability insurance, with a minimum coverage of <i>Tk</i> 500,000 (Taka five hundred thousand only)
	(c) Professional Liability insurance, with a minimum coverage of an amount equal to the total remuneration of the consultancy contract.
	(d) Employer's Liability and Workers' Compensation insurance in respect of the Personnel of the Consultant and of any Sub-Consultant, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel, or other insurance as may be appropriate; and
,	(e) Insurance against loss of or damage to (i) equipment and materials purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.
GCC 37.1(c)	The other actions that shall require Client's approval are:
	Taking any action under a civil works contract designating the Consultant as "Engineer's representative", for which action, pursuant to such civil works contract, the written approval of the Client as "Employer" is required.
GCC 39.3	The other restrictions about future use of documents and software are;
	The Consultant shall not use these documents and software for purposes unrelated to this Contract without the prior written approval of the Client.
GCC 41.1(g)	Assistance for carrying out the Services to be provided by the Client are; None
GCC 47.2	The Contract ceiling amount is: [insert amount]
GCC 48.1	The Bank Account is: [insert account with details] To be informed
GCC 49.1	Payments for remuneration shall remain fixed for the duration of contract.
GCC 50.1	The Addendum-1 Contract Price is: US\$ 1,679,175.00 and TK. 138,958,790.63 including 10% IT and 15% VAT
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GCC 52.1	Advance Payment: 10 percent of the fees for the design phase shall be paid within 30 days after the Effective Date against the submission of a Bank Guarantee in prescribed format for the same.
	Bank Guarantee shall remain effective until advance payment is fully adjusted.
GCC 52.2	Advance Payment will be adjusted by the Client in the following manner:
	Advance payment will be adjusted through percentage deductions from the invoices. Deductions shall commence in the next invoice following that in which the total of invoices has reached ten percent (10%) of the fees for the design phase less provisional sums, and shall be made at the rate of twenty five percent (25%) or higher of the amount of all invoices in the types and proportionate amounts of currencies of the advance payment until such time as the advance payment has been repaid; always provided that the advance payment shall be completely repaid by the end of the design phase.
GCC 53.1	The Consultant shall submit to the Client itemized statements at time intervals of one month.
GCC 53.3	The Consultant shall be entitled to receive financing charges for delayed payment during the period of delay at the following rate; 0.00%
GCC 74.2	Disputes shall be settled by arbitration in accordance with the following provisions:
·	Selection of Arbitrators. Each dispute submitted by a Party to arbitration shall be heard by a sole arbitrator or an arbitration panel composed of three arbitrators, in accordance with the following provisions:
	(a) Where the Parties agree that the dispute concerns a technical matter, they may agree to appoint a sole arbitrator or, failing agreement on the identity of such sole arbitrator within thirty (30) days after receipt by the other Party of the proposal of a name for such an appointment by the Party who initiated the proceedings, either Party may apply to the Federation Internationale des Ingenieurs-Conseil (FIDIC) of Lausanne, Switzerland for a list of not fewer than five nominees and, on receipt of such list, the Parties shall alternately strike names there from, and the last remaining nominee on the list shall be the sole arbitrator for the matter in dispute. If the last remaining nominee has not been determined in this manner within sixty (60) days of the date of the list, the Federation Internationale des Ingenieurs-Conseil (FIDIC) of Lausanne, Switzerland shall appoint, upon the request of either Party and from such list or otherwise, a sole arbitrator for the matter in dispute.
·	(b) Where the Parties do not agree that the dispute concerns a technical matter, the Client and the Consultant shall each appoint one arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the arbitrators named by the Parties do not succeed in appointing a third arbitrator within thirty (30) days after the latter of the two arbitrators named by the Parties has been appointed by the Secretary General of
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the Permanent Court of Arbitration, The Hague.

- (c) If, in a dispute subject to Clause SC 74.2, one Party fails to appoint its arbitrator within thirty (30) days after the other Party has appointed its arbitrator, the Party which has named an arbitrator may apply to the Secretary General of the Permanent Court of Arbitration, The Hague to appoint a sole arbitrator for the matter in dispute, and the arbitrator appointed pursuant to such application shall be the sole arbitrator for that dispute.
- Rules of Procedure. Except as stated herein, arbitration proceedings shall be conducted in accordance with the rules of procedure for arbitration of the United Nations Commission on International Trade Law (UNCITRAL) as in force on the date of this Contract for foreign consultants and the Arbitration Act (Act no 1 of 2001) in force in Bangladesh for local consultants.
- Substitute Arbitrators. If for any reason an arbitrator is unable to perform his function, a substitute shall be appointed in the same manner as the original arbitrator.
- 4. <u>Nationality and Qualifications of Arbitrators</u>. The sole arbitrator or the third arbitrator appointed pursuant to paragraphs (a) through (c) of Clause PCC 74.2.1 hereof shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute and shall not be a national of the Consultant's home country or of the home country of any of their Members or Parties or of the Government's country. For the purposes of this Clause, "home country" means any of:
 - (a) the country of incorporation of the Consultant or of any of their Members or Parties]; or
 - (b) the country in which the Consultant's [or any of their Members' or Parties'] principal place of business is located; or
 - (c) the country of nationality of a majority of the Consultant's [or of any Members' or Parties'] shareholders; or
 - (d) the country of nationality of the Sub-Consultants concerned, where the dispute involves a subcontract.
- 5. Miscellaneous. In any arbitration proceeding hereunder:
 - (a) proceedings shall, unless otherwise agreed by the Parties, be held in The Hague.
 - (b) the English language shall be the official language for all purposes;
 and
 - (c) the decision of the sole arbitrator or of a majority of the arbitrators (or of the third arbitrator if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction, and the Parties hereby waive any objections to or claims of immunity in respect of such enforcement.

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ANNEXURE-2:

WORK PLAN (REVISED)

WORK PLAN

1 General

This chapter contains a Work Plan for providing consultancy services for the assignment, based on the requirements given the Terms of Reference (ToR) and Technical Approach and Methodology.

2 Work Plan (Work Schedule)

2.1 The Work Plan is consistent with the Work Schedule and Planning for Deliverables of Form 5A5 given in the ToR and provides details of main activities for execution of services, delivery of reports and benchmarks separately for each phase in a bar chart in Fig. 4.1 & 4.2 for Design Study and Construction Supervision Phases respectively. As explained in the 'Technical Approach and Methodology', the total services to be provided have been divided into different Tasks as listed in Tables 3.1 of that Chapter. All Activities corresponding to the Tasks will be carried out to complete these services. A list of Activities along with the 'Activity Nos.' and duration in the form of a bar chart is presented in Fig. 4.1 & 4.2 'Work Plan'. It may be mentioned that activities listed therein are identical to the tasks although their numbers are different. The number of any particular activity is obtained by suffixing a zero to the corresponding task number, e.g. for Task No. 103, the corresponding Activity No. is 1030. This method of numbering has been adopted to accommodate sub-activities such as (1030, 1032 etc. up to 1039), which might be identified, when the works begin. The activities are broadly placed under the following task groups:

DESIGN PHASE

Task Group I: Mobilization and Work Initiation Task Group II: Survey and Investigations

Task Group III: Final Design

Task Group IV: Preparation of Land Acquisition and Re-settlement Plan

Task Group V: Preparation of Tender Documents and Estimates
Task Group VI: Preparation of Environment Management Plan
Task Group VII: Assistance to Client during Procurement of Works

Task Group VIII: Preparation and Submission of Reports

CONSTRUCTION SUPERVISION PHASE

Task Group I: Mobilization and Preparatory Activities

Task Group II: Supervision of Construction Works and Quality Control

Task Group III: Contract Management and Cost Control

Task Group IV: Monitoring Task Group V: Documentation

Task Group VI: Services During Defect Liability Period Task Group VII: Reporting and Submission of Reports

2.2 In accordance with the TOR, the Consultancy Services are to be completed in 2 phases with duration as follows:

Design Phase is expected to take 21 months to complete, which includes bidding and award of contract. Construction Supervision Phase and Defects Liability Period is expected to be completed in 45 months.

The Consultants will commence the services within 15 days of the effective date of the contract and will submit the Reports as per the time schedule given in the ToR. The Work Plan for completing the services within this time period is given in a bar- chart format in Fig. 4.1 & 4.2. These charts indicate the estimated period for execution of each task and experts responsible for the same. Milestones for completion and submission of draft and final reports are also given therein. The Work Plan will be discussed in detail with the Client on award of the work and any adjustments required due to site considerations will be incorporated and presented in the Inception Report. Suitable explanatory notes have been given to help in reading the charts.



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Fig. 4.1; WOR	PLAN (D	ESIGN	PHASE & CONTRACTOR SELECTION PERIOD \	WITH AC	DENDL	M-1)-AS PER	R NEGOTIA	ATION		
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Team Leaden/Sr. Bridge Engineer Sr. Contract Specialist Specialist Specialist Specialist Specialist Specialist Specialist Train Leader Contract Engineer Specialist Quantity Surveyor Highway Design Highway Design Engineer Engineer Specialist Coutantity Surveyor Highway Design	Foun./Geotechnical Engineer Task No.	Activity No.	Description of Activity	Activity Duration (in months)		Design Phase (9 months)		Selectio	n of Contract (12 mg	or with Addendum-1 nnths)
Responsibilities				<u> </u>	1 2	3 4 5 6	7 8 9	1 2 3	4 5 6	7 8 9 10 11 12
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P P P P P S S S		1040	Review of Preliminary Engineering Design	1.00						
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	Task		Survey and Investigation		, , , , ,					
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	Task	Group IV	Preparation of Land Acquisition and Re-settlement Plan					!		
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P S S P	402	4020	Preparation of Land Acquisition Plan	0.75		a Maria				
P S P	403	4030	Conduct Socio-economic Survey and Prepare Resettelement Plan	3,50						
		Group V								
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PSP	602		Impact Identification and their Mitigation	1.00		PROTES				
P S P	603	6030	Prepare Environmental Management Plan (EMP)	1,00		ments .				
P S P	604	6040		0,50		Janton				
	Task		Assistance to Client During Procurement of Works							
PPS	701		Prepare Tender Notices and Assist in their Publication	0.50	Ш			169E		
P P S	702	7020	Assist in Pre-Bid Meeting and Site Visit	0,50	1		-	-		
PPS	703	7030	Assist in Tender Evaluation	1.00	├ ─├┈┤					
P P S S S S	704	7040 7050	Evaluate Alternatives Proposed by Bidders and Advise	1.00 0.25						\$7 PRESENTE
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Primary Responsibilities

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Design Reports and Drawings

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FIG 4.2: WORK PLAN (CONSTRUCTION SUPERVISION PHASE)

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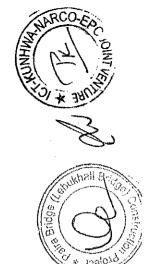
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ANNEXURE-3:

STAFFING SCHEDULE (REVISED)1

Form 5A7 Fig. 5.4: STAFFING SCHEDULE (DESIGN PHASE)

onth:	20 January 2014										Des	ign Pha	se (21 m	onths) (As per A										Total	Staff Month	i input
i. No.		Position	Home/ Field				Design	Period (0)	months	<u> </u>			<u> </u>			Sei	lection of	Contract	or Period	(12 mon	ths				Home	Field	Tota
	Key Professionals -Foreign St	taff			,		-g			,							T										
			Month	1	2	3	4	5	B	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
1	Jurgen H.H Darbecker	Team Leader / Sr. Bridge Engineer	Home																						5.00		12.9
			Field		-											-	<u> </u>		<u> </u>				-	1		12.00	1 .
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2	Suresh Nagesh	Sr. Contract Specialist	Field				—				ł	-														5.50	5.
		***	Home																						0.00	1	1
3	Turanisien Naik	Sr. Bridge Design Specialist	Fleld						-														 			7.25	7.
		Sr. Foundation/Geotechnical	Home														ļ								0.00		+
Ą	Kenty Priya Dutta Roy*	Engineer	Fleid		 	l																				0.63	0.
			Home		-		 -	1													-		 	1	0.00		
5	Kim Jong Gab	Sr. Hydraulic/ R T Engineer	Field						1								 -							1		2.00	2.0
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1	Md. Zohrul Islam/ Shaikh Sukuruzzaman*	Deputy Team Leader	Home			<u></u>	<u>L</u> .	<u> </u>																	0.00		9.
			Field			_	—										<u> </u>						<u> </u>	 		9.03]
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2	Md, Nurul Islam	Contract Engineer	Fleid		-	 			 	-																7,50] '
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5	Humayun Kabir	Social Impact Specialist	Field		<u> </u>																					5,00] 3.
4.			Home						L	<u> </u>															0.00		- 11
6	Md. Igbal Hossaln	Quantity Surveyor	Fleid	-		 		<u> </u>		<u> </u>																11.00] . "
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	Mohammad Ali*	Highway Design Engineer	Fleid			ļ ·							L													3,00	1 "
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9	Mandal ⁴	Structural Design Engineer	Field						 -																	4,10	4.
		Foundation / Geotechnical	Home																						0.00		
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FORM EAT CONSTRUCTION SUPERVISION PHASE) Fig. 5.5: STAFFING SCHEDULE (CONSTRUCTION SUPERVISION PHASE)

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ANNEXURE-4:

COST ESTIMATES (REVISED)¹





FORM 5B2: SUMMARY OF REVISED COSTS (Addendum-1)

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

Item	Costs		
tten	US Dollar	BDT	Equivalent BDT
Design Phase (Design & Selection of Contractor Period)	403,875.00	17,799,650.00	
Construction-Supervision Phase	1,275,300.00	66,668,500.00	
TOTAL costs (excluding VAT & IT)	1,679,175.00	84,468,150.00	217,962,562,50
Local Taxes			W
VAT @15%		32,694,384.38	
IT @10%		21,796,256.25	
Total for VAT & IT		54,490,640.63	
Total Negotiated Amount (including VAT & IT)	1,679,175.00	138,958,790.63	272,453,203.13

Conversion Rate: 01 US\$=BDT 79.50 (As per currency exchange rate published by Bangladesh Bank as on 17 January, 2013)





FORM 5B3: BREAKDOWN OF COSTS BY ACTIVITY

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

	of Activities : Design Phase & Selection of Contractor's Period)	Descr	iption :								
CL N.	0-10-20-21	Costs									
SI. No.	Cost Component	US\$	BDT								
1	Remuneration	325,425.00	7,061,150.00								
2	Reimbursable Expenses	78,450.00	10,738,500.00								
	Subtotals	403,875.00	17,799,650.00								

US\$: United States Dollar BDT: Bangladesh Taka





FORM 5B4: BREAKDOWN OF REMUNERATION

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisai - Patuakhali Road, Bangladesh

Design Phase (Design Period & Selection of Contractor's Period) (As per Addendum-1)

SI. No.	Name	Position		Staff-Month F	Rate	Input Staff- months (Addendum-1)	Total Ar	nount
				us\$	BOT	(Academical)	us\$	BDT
	INTERNATIONAL STAF	F						
	Key Professionals							
1	Jurgen H.H	Team Leader / Sr. Bridge	Home	13,000	*	-	-	-
	Dorbecker	Engineer	Field	13,000	-	12.00	156,00 0	-
2	Suresh Nagesh	Sr. Contract Specialist	Home	10,000	-	-	*	-
	<u> </u>		Field	10,000		5.50	55,000	-
3	Taranisien Naik	Sr. Bridge Design	Home	10,500	-	-	-	-
		Specialist	Field	10,500	*	7,25	76,125	-
4	Kanty Priya Dutta Roy	Sr. Foundation /	Home	10,000	-	-	-	-
		Geotechnical Engineer	Field	10,000	*	0.63	6,300	•
5	Kim, Jong Gab	Sr. Hydraulic / R T Engineer	Home	16,000	-		-	=
		b Total	Field	16,000	-	2.00	32,000	
		o torsi				27.38	325,425	
	LOCAL STAFF Key Professionals							
			Home		200,000			
6	Sheikh Sukuruzzaman	Deputy Team Leader		*				4 000 000
			Field		200,000	9.03		1,806,000
7	Md.Nurul Islam	Contract Engineer	Home	-	140,000	***	-	4.050.000
			Field	**	140,000	7.50	-	1,050,000
8	M A Momin Khondaker	Environmental Engineer	Home		1 0 0,000	*		-
	Mioridakei		Field		100,000	5.00	-	500,000
9	Mustafa Kamal	Electrical Engineer	Home	PM:	130,000		-	-
			Field	**	130,000	1.50	*	195,000
10	Humayun Kabir	Social Impact Specialist	Home		130,000	-		-
"	(toniayon (dos	Oosai impost opedalist	Field	B	130,000	5.00	-	650,000
44			Home	-	80,000	-	-	-
11	Md. iqbal Hossain	Quantity Surveyor	Field	-	80,000	11.00	-	880,000
			Home	_	140,000	-	-	•
12	S.M. Azizul Hoque	Hydraulic / R T Engineer	Field	-	140,000	2.00	-	280,000
			Home	_	140,000	-	-	-
13	Mohammad Ali	Highway Design Engineer	Field		140,000	3.00	_	420,000
			Home	-	140,000			
14	Manik Lal Mandal	Structural Design Engineer	Field		140,000	4.10		574,000
			Home		145,000	 	-	
15	M d. Tajuddin	Foundation / Geotechnical Engineer	Field	ļ	145,000	 	-	706,150
	a	b Total	Liein	<u> </u>	140,000	53.00		
						1	-	7,061,150
	TOTAL CARR	IED TO SUMMARY	1	1	<u> </u>	80.38	325,425	7,061,150

US\$: United States Dollar BDT: Bangladesh Taka





FORM 586 : BREAKDOWN OF REIMBURSABLE EXPENSES

Design and Construction Supervision for Paira Bridge (Lehukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

a, Reimbursable Expenses in Design Phase (Design & Selection of Contractor's period) (International) (As per Proposed Addendum-1)

SI. Na,	Description	Unit) Un	Unit Cost		Tota! Amount	
			us\$	EDT		US\$	BDT
1	Residential accommodation for long term expatriate personnel	Month	1,250	· <u>-</u>	12	15,000	-
2	Setting of Team Leader's house	LS	2,500		1	2,500	-
3	Per Diem for short-term expatriate personnel	Day	100		480	48,000	٤
4	International Travel Cost						
	Delhi - Dhaka - Delhi (Original Design and Selection of Contractor's period)	RT	50 0	- ·	5	2,500	•
	Dethi - Dhaka - Delhì (Additional Selection of Contractor's periord as per Addendum-1)	RT	3 50	-	3	1,050	-
	Korea - Dhaka - Korea (Original Design and Selection of Contractor period)	RT	1,600	-	2	3,20 0	
	Korea - Dhaka - Korea & others (Additional Selection of Contractor's period as per Addendum-1)	RT	1,600	-	3	4,800	
5	Miscellaneous Expenses for Travel (visa, local transport, insurance, etc)	₽T	200	-	. 7	1,400	"
	TOTAL COSTS					78,450	F

US\$: United States Dollar BDT: Bangladesh Taka



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FORM 585 : BREAKDOWN OF REIMBURSABLE EXPENSES

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

b. Reimbursable Expenses in Design Phase (Design & Selection of Contractor's Period) (National) (As per Proposed Addendum-1)

Si. No.	Description	Unit	Ur	nit Cost	Total Quantity (Addendum-1)	Total .	Amount
			US\$	EDT	(Mareninatis, 1)	US\$	BDT
1	Out of pocket expenses for National staff and the Team Leader	Day	-	2,000	95	-	190,000
2	Communication Cost, telecommunication cost including cellular phone, e-mail, fax, postage, courier etc	Month	-	15,000	18	-	270,000
3	Drafting, Reproduction of Reports						
	i) Inception Report	Сору		2,000	10	-	20,000
	ii) Progress Report (Monthly)	Сору	÷ '	300	45	-	13,500
	iii) Hydrology and Morphology Study Report	Сору	-	2,000	7	-	14,000
	iv) Design Report and Drawings	Set	-	20,000	9	-	180,000
. 1	v) Draft Tender Documents	Set		5,000	5	-	25,000
	vi) Final Tender Documents	Set	-	5,000	30	-	150,000
	vii) Land acquisition plan	Set		7,000	10	-	70,000
1	viii) Environmental Management Plan	Set	-	5,000	7		35,000
	ix) Social Action Plan	Set	-	5,000	7	-	35,000
	x) Quarterly Report	Set		2,500	18	_	45,000
	xi) Project Completion Report	Set	-	10,000	10	-	100,000
4	Rental office accommodation including all furniture, equipment software, consumables, utility charges, security, etc (Original Design and Selection of Contractor's period)	Month	-	200,000	6	_	1,200,000
1	Rental office accommodation (Proposed Additional Selection of Contractor's periord)	Month		35,000	8	-	315,000
5	Other transportation					-	-
	Vehicles on rental basis including operation and maintenance	Veh.Month	•	80,000	51	-	4,080,000
6	Survey / study / investigation						
	i) Topographic survey	LS	**	120,000	1	-	120,000
	ii) Geotechnical investigation	LS		950,000	1		950,000
	iii) Hydrological study / survey	LS	- '	150,000	1	•	150,000
	iv) Morphological study / survey	LS	-	200,000	1	*	200,000
	v) Environmental study / survey	LS		100,000	1	**	100,000
	vi) Resettlement / social survey	LS		150,000	1	-	150,000
7	Support Staff			<i>'</i>			
	i) Office Manager / Secretary	Month	-	30,000	18	-	540,000
	ii) Accountant	Month	-	30,000	12		360,000
	iii) Computer Operator	Month		25,000	18		450,000
	iv) CAD Operator	Month		35,0 00	14	-	490,000
	v) Photocopy Machine Operator	Month	-	12,000	12	-	144,000
	vi) Office Assistant, Messenger, etc (2 nos)	Month		12,000	21	-	252,000
	vii) Laboratory Technician	Month	-	30,000	3	-	90,000
	TOTAL COSTS					-	10,738,500

US\$: United States Dollar BDT: Bangladesh Taka





FORM 5B3: BREAKDOWN OF COSTS BY ACTIVITY

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

Group of Activities: Construction Supervision Phase (As per Contract)		Description :			
C) N.		Co	osts		
Sl. No.	Cost Component	US\$	BDT		
1	Remuneration	1,130,000	31,700,000		
2	Reimbursable Expenses	145,300	34,968,500		
	Subtotals	1,275,300	66,668,500		

US\$: United States Dollar BDT: Bangladesh Taka



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FORM 584: BREAKDOWN OF REMUNERATION

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

Construction Supervision Phase

SI.	Name	Position		Staff-Month F		Input	Total A	mount
No.		, , , , , , , , , , , , , , , , , , , ,		usş	BDT	(Staff-months)	US\$	BDT
	INTERNATIONAL STAFF							
	Key Professionals							
1	Jurgen H.H Dorbecker	Team Leader / Sr. Bridge	Home	13,000		-		
		Engineer	Field	13,000	-	34.00	442,000	
2	Suresh Nagesh	Sr. Contract Specialist	Home	11,000	•	-		-
			Field	11,000	-	14.00	154,000	
3	Swapan Kumar Bagui	Sr. Foundation / Geotechnical Engineer	Home	10,000	-	-		
		Criginiso	Field Home	10,000 16,000		6.00	60,000	-
4	Kim, Jong Gab	Sr. Hydraulic / R T Engineer	Field	16,000	-	2.00	32,000	
		,	Home	17,000		2.00	32,000	*
5	kim, Hyun Kon	Sr. Bridge Engineer	Field	17,000		18.00	306,000	-
		Sr. Material and Quality Control	Home	8,000		18.00	300,000	
6	Shaik Asif Ahmed	Engineer	Field	8,000	-	15.00	120,000	
			Home	8,000		10.00		
7	Gautam Chattopadhyay	O & M Specialist	Field	8,000	~	2.00	16,000	
	S	ub Total				91.00	1,130,000	
	LOCAL STAFF						7,	
	Key Professionals							
			Home		210,000	_		
8	Sheikh Sukuruzzaman	Deputy Team Leader	Field	-	210,000	33.00		6,930,000
			Home	-	150,000			-1
9	Md.Nurul Islam	Contract Engineer	Field	_	150,000	28.00		4,200,000
			Home	****	100,000	20.00		4,200,000
10	M A Momin Khondaker	Environmental Engineer		-				400.000
			Field	•	100,000	4.00	-	400,000
11	Mustafa Kamal	Electrical Engineer	Home		150,000	-		-
			Field	*	150,000	2.00		300,000
12	Humayun Kabir	Social Impact Specialist	Home	-	150,000	-		*
			Field	-	150,000	4.00	*	600,000
13	Md. Iqbal Hossain	Quantity Surveyor	Home	-	90,000	•		-
			Field		90,000	32.00		2,880,000
14	Mohammad Fazlur	Resident Engineer	Home	-	100,000			•
'*	Rahman	resident Engineer	Field	-	100,000	3 2.00	-	3,200,000
	O. 1::	Material and Quality Control	Home	-	85,000	_	- 1	-
15	Shahidur Rahman Joarder	Engineer	Field	-	85,000	26.00	-	2,210,000
一首			Home		150,000	-	-	-
16	AZM Nuran Nabi Khan	Hydraulic / R T Engineer	Field	_	150,000	6.00	•	900,000
-			Home	-	75,000	-		
17	Md. Masudur Rahman	Bridge Engineer - 1	Field		75,000	32.00		2,400,000
			Home	_	75,000			
18	Md. Ataur Rahman	Bridge Engineer - 2	Field	_	75,000	32.00	· .	2,400,000
						32.00		2,400,000
19	S.M. Masoodur Rahman	Foundation Engineer	Home	-	160,000		*	
			Field		160,000	9.00		1,440,000
20	Kamal Hossain	Junior Engineer - 1	Home	-	60,000	-		
	· · · · · · · · · · · · · · · · · · ·		Field	*	60,000	32.00	-	1,920,000
17	Md. Shamsul Haque	Junior Engineer - 2	Home		60,000		-	
"	Mu. Chambur raque	Saulta Englister - 5	Field	-	60,000	32.00	**	1,920,000
	\$	sub Total				304.00	=	31,700,000
	TOTAL CAR	RIED TO SUMMARY				395.00	1,130,000	31,700,000

US\$: United States Dollar BDT: Bangladesh Taka





FORM 525 : BREAKDOWN OF REIMBURSABLE EXPENSES

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

a, Reimbursable Expenses in Construction Supervision Phase (International)

SI.	Description	Unit	Unit Cost		Quantity	Total A	Total Amount	
No.			US\$	BDT		US\$	₿DT	
1	Residential accommodation for long term expatriate personnel	Month	1,250	-	82	102,500		
2	Per Diem for short-term expatriate personnel	Day	100	-	300	30,000	•	
3	International Travel Cost					-		
	Delhi - Dhaka - Delhi	RT	500	-	8	4,000	•	
	Korea - Dhaka - Korea	RT	1,600	-	4	6,400	unh.	
4	Miscellaneous Expenses for Travel (visa, local transport, insurance, etc)	RT	200	-	12	2,400	•	
	TOTAL COSTS					145,300		

US\$: United States Dollar BDT: Bangladesh Taka



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FORM 5B5 : BREAKDOWN OF REIMBURSABLE EXPENSES

Design and Construction Supervision for Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal - Patuakhali Road, Bangladesh

b. Reimbursable Expenses in Construction Supervision Phase (National)

ŞI.	Description	Unit	U	nit Cost	Quantity	Total Amount	
No.			បន្	BDT	accountary	US\$	BDT
1	Per Diem for National Staff and Long Term expatriate staff	Day	-	2,000	224	-	448,000
2	Communication Cost, telecommunication cost including cellular phone, e-mail, fax, postage, counter etc	Month	-	21,000	33		693,000
3	Drafting, Reproduction of Reports						
	i) Progress Report (Monthly)	Сору	-	400	165		66,000
	i) Progress Report (Quarterly)	Сору	-	2,500	66	=	165,000
	ii) Resettlement Completion Report	Сору	•	5,000	10	-	50,000
	iii) Project Completion Report	Сору	•	15,000	10		150,000
4	Dhaka Liasion Office	Month	-	35,000	33	•	1,155,000
5	Support Staff						
	Team Leader's Dhaka Office (Liaison office) mex 150 sqm area						
	i) Office Manager / Secretary	Month	-	32,000	36	-	1,152,000
	for Field Office						
	I) Office Manager / Secretary	Month	•	30,000	33	**	990,000
	ii) Computer Operator	Month	*	30,000	33		990,000
	iii) CAD Operator	Month	-	38,000	18		6 84 ,0 00
	iv) Photocopy Machine Operator	Month	-	12,500	3 3		412,500
	v) Office Boy, Messenger, etc (2 nos)	Month	•	12,500	66	-	825,000
	vi) SAE / Site Supervisors (4 nos)	Month	•	40,000	132	÷	5,280,000
	vii) Surveyor	Month		3 6,000	20	-	720,000
[viii) Łaboratory Technician	Month		35,000	33	-	1,188,000
6	Provisional Sum						·
	Arrangement of training / study tour	Month	-	20,000,000	-	*	20,000,000
	TOTAL COSTS					-	34,968,500

US\$: United States Dollar BDT; Bangladesh Taka









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of Paira Bridge (Labukhali Bridge) over the River Paira on Barisal-Patuakhali Road Design and Construction Supervision Consultancy Services for उड <u>५ वंत</u> हात्यामा-1 जनुत्रापन।

প্রধান প্রকৌশলী, সগুজ এর স্মারক নং-৪৮০-সিই ভারিখ: ২৩/৯/২০১৫।

পটুয়াখ্যালি মহানড়কের পায়রা নদীর উপর পায়রা সেতু (লেবুখালী সেতু) নির্মাণ প্রকল্লের পরামর্শক সেবার মূল চুক্তি মূলা ২৫,৯৭,২৯,৭৫০.০০ টাকা (পীচিশ কোটি সাতানব্বই লক্ষ উনত্রিশ হাজার সাতশত পঞ্চাশ টাকা) [মার্কিন ডলার অভিরিক্ত ১,২৭,২৩,৪৫৩.১৩ (এক কোটি সাতাশ লক্ষ তেইশ হাজার চারশত তেপান্ন টাকা তের পয়সা)[মার্কিন ডনার ৮৮,৭৭৫.০০ এর সমপরিমাণ বাংলাদেশী টাকা ৭০,৫৭,৬১১,৫০ + বাংলাদেশী টাকা ৩১,২১,১৫০.০০ + ড্যাট বাবদ ভ্যাট বাৰদ টাকা ৩,১১,৬৭,৫৭০.০০ + আয়কর বাবদ টাকা ২,০৭,৭৮,৩৮০.০০] হতে বাৰ্ষত জনমাসের ব্যন্ন বাবদ কোটি চিন্ধিশ লক্ষ তেপান্ন হাজার দুইশত তিন টাকা তের পয়সা) মার্কিন ডলার ১৬,৭৯,১৭৫.০০এর সমপরিমাণ 0,২৬,৯৪,৩৮৪.৩৮+আয়কর বাবদ টাকা ২,১৭,৯৬,২৫৬.২৫] টাকার Addendum -1 এর প্রস্থাবটি গত ০৪/১১/২০১৫ উপযুক্ত বিষয় ও সূত্ৰস্থ পত্ৰের আলোকে নিৰ্দেশক্ৰমে জানামো যাছে যে, বিৰেচ্য ক্ৰয়ে প্ৰচলিত আইন, বিধি বিধান ও নিৰ্দেশনা পুরোপুরি অনুসরণ করা হয়েছে মর্মে প্রধান প্রকৌশলী, সওজ অধিদণ্ডর প্রত্যয়ন করায় ব্রিশাল-টাকা ১৫,২৬,৮১৪.৩৮+ জায়কর বাবদ টাকা ১০,১৭,৮৭৬.২৫] টাকা যোগ করে সর্নোট ২৭,২৪,৫৩,২০৩.১৩ (সাডাশ ১৫,৯০,৪০০.০০ এর সমপ্রিমাশ বাংলাদেশী টাকা ১২,৬৪,৩৬,৮০০.০০ + বাংলাদেশী টাকা ৮,১৩,৪৭,০০০,০০ ভারিখের সরকারি ক্রয় সংক্রান্ত মন্ত্রিসভা কমিটির সুপারিশের প্রেদ্ধিতে যথাযথ কর্তৃপক্ষ কর্তৃক অনুমোদিত হয়েছে। 4 + जारि ০০ তাৎ নগ্ ৪৪ ন <u>5</u> <u>बारमात्रक</u> 30,08,38,852.00 <u>F</u> <u>बार्नात्</u>यश

উক্ত সরকারি সিদ্ধান্ত অনুসরণে পরবর্তী প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য অনুরোধ করা হল।

উক্ত সরকারি সিদ্ধান্ত বাস্তবায়ন কার্য সম্পন্ন না হওয়া পর্যন্ত বাস্তবায়নের অগ্রগতি প্রতিবেদন প্রতি মাসের শেষ কার্যদিবন্সে একবার এ বিভাগে প্রেরণ করার জন্য অনুরোধ করা হল।

sasdfdp@rthd.gov.bd ফোন: ৯৫৭৫৫১৪ 59-464

公司 经合产的

নড়ক ও জনপথ অধিদপ্তর

সূত্ৰক তবন, তোজগাঁও, ঢাকা

जन्ति ।

০১. প্ৰকল্প পারচালক, পামরা নেতু (লেবুখালী নেতু) নির্মাণ প্রকল্প, সড়ক গবেষণাগার, পাইকগাড়া, মিরপুর, ঢাকা ০২, সচিব মহোদয়ের একান্ত সচিব, সড়ক পরিবহন ও মহাসড়ক বিভাগ, সড়ক পরিবহন ও সেতু মন্ত্রণালয়



REPLACED WITH SAME MEMO AND DATE

Government of the People's Republic of Bangladesh Office of the Chief Engineer Roads and Highways Department Sarak Bhaban, Tejgaon, Dhaka Tel: 9562829 Fax: 9562798, E-mail: ce@rhd.gov.bd

Memo No: 480-CE

Date: 23-09-2015

Subject

Consultancy Services for Design and Construction-Supervision of Paira Bridge (Lebukhali Bridge)

over the river Paira on Barisal-Patuakhali Road

-Request for Approval of Addendum-1

Ref: 01 This office letter memo no. 96-CE dated 23/07/2015

02 Project Director, Paira Bridge (Lebukhali Bridge) Construction Project's letter no PD/Paira/12:0/606 dated 20/09/2015.

The undersigned, via memo under reference 01, requested for approval of Addendum-1 for the Consultancy Contract- 'Consultancy Services for Design and Construction Supervision of Paira Bridge (Labukhall Bridge) over the River Paira on Barisal-Patuakhall Road' with recommendation. Afterwards Project Director, Paira Bridge (Lebukhall Bridge) Construction Project via memo under reference 02 (Enclosure-01) informed that two meeting of the 'Internal Variation/Addendum Proposal Review Committee' of Road Transport and Highways Division was held on 13/08/2015 and 03/09/2015 on the proposed Addendum-1. As per discussion of the meetings the revised additional quantities of the remuneration and reimbursable expenses of the proposed addendum-1 are as follows:

Table 1: Additional guartities required for Proposed Additional 'Selection of Contractor's Period

Si no.	Position	Unit	Additional Quantity for Proposed Addendum-1
ia. Inte	rnational Staff		······································
1 ;	Team Leader / Sr. Bridge Engineer	Staff-month	4.00
2 *	Sr. Contract Specialist	Staff-month	2,00
1b. Loc	al Staff		
3	Deputy Team Leader	Staff-month	3.88
4	Quantity Surveyor	Staff-month	2.00
2a. Rei:	mbursable Expenses (International)		
5	Residential accommodation for long term expatriate personnel	Month	4.00
6	Per Diem for short-term expatriate personnel	Day	60,00
7	International Travel Cost		
	a) Delhi - Dhaka - Delhi	RT	3.00
	b) Korea - Dhaka - Korea & others	RT	3,00
2b. Rei	mbursable Expenses (National)		
8	Communication Cost, telecommunication cost including cellular phone, e-mail, fax, postage, couner etc	Month	9.00
9	Rental office accommodation	Month	9.00
10	Other transportation-Vehicles on rental basis including operation and maintenance	Veh. Month	15.00
11	Support Staff		
	i) Office Manager / Secretary	Month	9.00
	ii) Accountant	Month	6.00
	iii) Computer Operator	Month	9,00
	v) Photocopy Machine Operator	ivlonth	6.00
	vi) Office Assistant, Messenger, etc	Month	9,00
	vii) CAD Operator	Month	2.00

A/V





The comparison between Original Contract Cost and Cost with proposed Addendum-1 is given below:

Table 2: Original Contract Cost and Proposed Cost with Addendum-1

	Original Contract		Cost	Prop	osed Cost with A	ddendum-1
Item	US Dollar	BDT	Equivalent BDT	US Dollar	BDT	Equivalent BDT
Design & Selection of Contractor Period	3,15,100	1,46,78,500		4,03,875	1,77,99,650	
Construction Supervision Phase	12,75,300	6,66,68,500		12,75,300	6,66,68,500	
TOTAL costs (excluding VAT & IT)	15,90,400	8,13,47,000	20,77,83,800.00	16,79,175	8,44,68,150	217,962,562.50
VAT @15%		3,11,67,570		, , ,	3,26,94,384.38	
IT @10%		2,07,78,380			2,17,96,256.25	
Total for VAT & IT		5,19,45,950			5,44,90,640.63	
Total Amount (including VAT & IT)	15,90,400	13,32,92,950	25,97,29,750.00	16,79,175	13,89,58,790.63	272,453,203.13

The detail cost breakdown is attached in **Enclosure-02.** The proposed cost is about 4.90% more than the original contract price:

Table 3: Proposed Addendum-01

	* ***	in o' i iobooda waa	**************************************		
Item	Contract Name	Original Contract	Proposed	Increase Amount	% increase
no		(BDT)	Addendum 01(BDT)	from Original	w.r.t. original
		(including VAT & IT)	(including VAT & IT)	Contract (BDT)	contract
A	В	C	D	E=D-C	F
1	Consultancy Services for Design and Construction Supervision of Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal-Patuakhali road	25,97,29,750.00	272,453,203.13	12,723,453.13	4.90%

As per Clause 104[1(d-8)] of Public Procurement Rules 2008, the proposed Addendum-1 has to be recommended for approval by the Cabinet Committee on Government Purchase. The Development Partner of the Project i.e. Kuwait Fund for Arab Economic Development (KFAED) has provided its concurrence on the proposed Addendum-1 (Enclosure-03). Provision for the Consultancy Services in the approved SDPP is BDT 26,11,89,000.00 including VAT & IT (Enclosure-04). The additional contract amount will be included in revised DPP.

Therefore, the undersigned is recommending and would like to request for further necessary action to approve the Addendum-1 for the Consultancy Service and oblige thereby.

Enclosed: As stated.

(Md. Feroz Iqbal) ID no. 005359

Chief Engineer

Roads & Highways Department Sarak Bhaban, Tejgaon, Dhaka

Secretary
Road Transport and Highways Division Ministry of
Road Transport and Bridges
Bangladesh Secretariat, Dhaka

Copy to: Project Director, Paira Bridge (Lebukhali Bridge) Construction Project, BRRL, Mirpur, Dhaka.

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গণপ্রজাতত্তীবাংলাদেশসরকার সভ্কপরিবহনওসেতুসূত্রণালর সভ্কপরিবহনওমহাসভ্কবিভাগ ডিএফডিপিশাখা www.rthd.gov.bd

বিষয়: Consultancy Services for Design and Construction Supervision of Paira Bridge (Labukhali Bridge) over the River Paira on Barisal-Patuakhali Road বিষয়ে Addendum-1 এর উপর 'অভ্যন্তরীণ Variation/Addendum প্রস্তাব পর্যালোচনা ক্মিটি'এর সভার কার্যবিবর্মী।

সভাপতি

: অতিরিক্ত সচিব

সড়ক পরিবহন ও মহাসড়ক বিভাগ

তারিখ

: ০৩/১/২০১৫ খ্রিন্টাব্দ

সময়

: বিকাল ২.৩০ মিনিট

স্থান

সড়ক পরিবহন ও মহাসড়ক বিভাগের সম্মেলন কক

সভার উপস্থিতি

পরিশিষ্ট 'হু'

সভাপতি উপস্থিত সকলকে স্থাগত জানিয়ে সভার কার্যক্রম শুরু করেন। অতঃপর সভাপতির অনুমতিক্রমে সভায় উপস্থিত প্রকল্প পরিচালক,পায়রা সেতু (লেবুখালি সেতু) নির্মাণ প্রকল্প Construction Supervision of Paira Bridge (Labukhali Bridge) over the River Paira on Barisal-Patuakhali Road বিষয়ে Addendum-1প্রস্তাবটি সভায় উপস্থাপন করেন।

হা ় আলোচ্য বিষয়: Consultancy Services for Design and Construction Supervision of Paira Bridge (Labukhali Bridge) over the River Paira on Barisal-Patuakhali Road এর Addendum-1 প্রতাব।

ভা আলোচনা: সভায় প্রকল্প পরিচালক জানান যে, প্রকল্পের কাজ বান্তবায়নের নিমিত বিভারিত জরিপ, জনুসন্ধান, Hydrology & Morphology Study, নকশা প্রণয়ন, পূর্তকাজ তদারকিসহ আনুষ্জাক কাজের জন্য ICT-Kunhwa-NARCO-EPC Joint Venture এর সাথে গত ৮ ডিসেম্বর ২০১৩ তারিখ ভাটি ও আয়করসহ ২৫,৯৭,২৯,৭৫০ (গঁচিশ কোটি সাতানকাই লক্ষ উনত্রিশ হাজার সাতশত পঞ্চাশ) টাকার চুক্তিমূল্যে চুক্তি স্বাক্ষরিত হয়। উক্ত পরামর্শক সেবা এর মেয়াদ ২০ সেপ্টেম্বর ২০১৮ পর্যন্ত। প্রকল্পের পরামর্শক সেবার কাজ মোট ২ টি পর্যায়ে সম্পন্ন হবার জন্য নির্ধারিত আছে। পর্যায়পুলি হচ্ছে 'Design Phase including selection of contractor' এবং 'Construction Supervision'। ১ম পর্যায়ে অন্তর্ভুক্ত 'Selection of Contactor' এর জন্য নির্ধারিত ছিল ও ক্ষেন্ত যা খুবই অপর্যাপ্ত। নানা কারণে প্রকল্পের মূল পূর্ত নির্মাণ কাজের টিকাদার চূড়ান্ত করা যায়িন। প্রকল্পের কাজ সুষ্ঠুভাবে ক্ষেন্তবায়নের জন্য পরামর্শক প্রতিষ্ঠানের কার্যক্রমও অব্যাহত রাখা প্রয়োজন। সে জন্য 'Design Phase' অন্তর্গত করাহারনের জন্য পরামর্শক প্রতিষ্ঠানের কার্যক্রমণ্ড জন্য প্রস্তাবিত Addendum-1এ মোট ১,৪১,৩১,৫৪৭,০০ (এক ক্ষেত্র একচিন্নিণ লক্ষ উনচিন্নিশ হাজার পাঁচশত সাতচন্ত্রিশ টাকা মাত্র) টাকা অন্তর্ভুক্ত করা হয়েছে। নিম্নের ছকে মূল চুক্তি ও ক্রেন্তবিত Addendum-1 এ পরামর্শক প্রতিষ্ঠানের জনমাসের জুলনামূলক বিবরণী দেয়া হল:

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দুল চুক্তি ভ	দ্বুদারে জন্মান	Addendum-1 @:] এ প্তাবিত জনমাস হাব/বৃদি		
স্থানীয়	বিদেশী	স্থানীয়	বিদে ² নি	হানীয়	• বিদেশী
৩৫১.১২	১১২.৩৮	V69.00	১১৯,৩৮	(+)৫,৮৮	(+)9,00

৩২. পরামর্শকের সাথে স্বাক্ষরিত মূল চুক্তি মূল্য, প্রস্তাবিত অতিরিক্ত ব্যয় ও ব্য়য় বৃদ্ধির হার নিয়রূপ:

Table 1: Original Contract Cost and Proposed Cost with Addendum-1

	0	ríginal Contract	Cost	Propos	ed Cost with Ad	ldendum-I
Item	US Dollar	BDT	Equivalent BDT	US Dollar	BDT	Equivalent BDT
Design & Selection of Contractor Period	3,15,100	1,46,78,500		4,18,125	1,77,99,650	
Construction Supervision Period	12,75,300	6,66,68,500		12,75,300	6,66,68,500	
TOTAL costs (excluding VAT & III)	15,90,400	8,13,47,000	20,77,83,800	16,93,425	8,44,68,150	21,90,95,438
VAT @15%		3,11,67,570			3,28,64,316	•
T @10%		2,07,78,380			2,19,09,544	
Total for VAT & IT		5,19,45,950	,		5,47,73,859	
Iotal Amount (including VAT &	15,90,400	13,32,92,950	25,97,29,750	16,93,425	13,92,42,009	27,38,69,297

ভাইরিক্তি সচিব,বাজেট জানতে চান পরামর্শকের selection of contractor' পর্যায়ে যে কাজ সম্পন্নের কথা ছিল আনুনান করা হয়েছে কিনা। প্রকল্প পরিচালক জানান, প্রকল্পের পূর্তকাজের ঠিকাদার নিয়োগের জন্য প্রাক-যোগ্য ঠিকাদার করাই প্রক্রিয়া সম্পন্নের পর গত ১৬ জুলাই ২০১৫ তারিখে দরপত্র আহ্বান করা হয়েছে। বর্তমানে দরপত্র মূল্যায়ন কার্যক্রম জন্মন রয়েছে। ামুগ্ম প্রধান বলেন পরামর্শকের টিম লিডারসহ অন্যান্যের জনমাস সর্বনিম পর্যায়ে কীভাবে রাখা সে ভিন্তক্র পর্যালোচনা করা প্রয়োজন। সভাপতি বলেন, যেহেতু সম্পূর্ণ পরামর্শক সেবাটি হটি পর্যায়ে ভাগ করা আছে এবং কিন্তক্রমেction Supervision' পর্যায়ের জনমাস এক্ষেত্রে ব্যবহার করা যাছে না সেহেতু সর্বনিম প্রয়োজনীয় জনমাস করে এডেভামটি অনুমোদনের জন্য সুপারিশ করা যেতে পারে। কমিটির সকল সদস্যই selection of ক্রিক্তর্বের জনমাস অপর্যাপ্ত সে-বিষয়ে একমত। এ বিষয়ে বিস্তারিত আলোচনা করে এডেভাম প্রভাবটিতে টিম ক্রিক্তের জন্য ০৫ মাসের পরিবর্তে ০৪ জনমাস রেখে আর বাকি সদস্যদের জনমাস অপরিবর্তিত রেখে প্রভাবটি

শ্বিরশাল-পটুয়াখালী সভ্কে পায়রা নদীর উপর পায়রা সেতু (লেবুখালী সেতু) নির্মাণ" প্রকল্পের কাজ তদার্বির কাজ কিন্তুল্লি নির্মাণ প্রকল্পের কাজ কার্বির কাজ কিন্তুল্লি নির্মাণ কার্যা প্রকল্পির প্রকল্পিত পরামর্শক প্রতিষ্ঠান ICT-Kunhwa-NARCO-EPC Joint Venture এর সাথে সম্পাদিত চুক্তির সাথে কিন্তুল্পির সাথে কার্যান্টি আটব্রিশ দক্ষ উনষাট হাজার দুইশত ক্রিক্তিক কার্যান্টি আটব্রেশ কর্ম উনষাট হাজার দুইশত ক্রিক্তিক ক্রেক্তিক ক্রেক্তিক ক্রিক্তিক ক্রিক্তিক ক

্রিভ্রান্ত ভরে কোন আলোচ্য বিষয় না থাকায় সভাপতি উপস্থিত সকলকে ধন্যবাদ জানিয়ে সভার সমাপ্তি ঘোষণা করেন।

(মোঃ ফারুক জনীব) ভাতিরিক্ত সচিব



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Government of the People's Republic of Bangladesh Office of the Chief Engineer Roads and Highways Department Sarak Bhahan, Tejgaon, Dhaka

Tel: 9562829 Fax: 9562798, E-mail: ce@irhd.gov.bd

Memo No: 9/10/6/5

Date: 23/7/15

Subject

Consultancy Services for Design and Construction Supervision of Paira Bridge (Labukhali Bridge) over

the River Paira on Barisal-Patuakhali Road

- Request for Approval of Addendum-1

Ref

Project Director, Paira Bridge (Lebukhali Bridge) Construction Project's letter no

PD/Paira/12.0/556 dated 12/07/2015

The Project Director, Paira Bridge (Lebukhali Bridge) Construction Project, via memo under reference, has recommended for Addendum-1 for the *Consultancy Services for Design and Construction Supervision of Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal-Patuakhali road* for approval*(Enclosure-01).

Contract Agreement for the 'Consultancy services for Design and Construction Supervision of Paira Bridge (Labukhali Bridge) over the Paira River on Barisal-Patuakhali Road' was signed between Roads and Highways Department and Intercontinental Consultants and Technocrats Pvt. Ltd, in joint venture with kunhwa consulting & Engneering Co. Ltd, Dr. Naboel Abdul-Raheem Consultants and Engineering and Planning Consultants Ltd (ICT-Kunhwa-NARCQ-EPC Joint Venture) on 08/12/2013 following the approval of the proposal by the Roads Division, Ministry of Communication on 28/11/2013. Subsequently the consultants have informed about the commencement of service and mobilization of consultant team from 20/01/2014.

As per the contract document, total contract period for this service was of 54 (fifty four) months. Later the consultant had requested for '03 months time extension and man-month adjustment without any cost increase' for the design period and approval of this '03 months time extension and man-month adjustment without any cost increase' was conveyed to the Consultants after getting approval and concurrence respectively from Chief Engineer, RHD via SE, Procurement Circle, RHD's memo no. 468 pro dated 24/08/2014 and from development partner of the project i.e. Kuwait Fund for Arab Economic Development (KFAED) via its memo no. KF/30/9/841/1-197 dated 08/09/2014 (Enclosure-02). With this time extension, the approved contract duration became 57 (fifty seven) months.

The consultant requested for Adddendum-1 with 9 months time extension for Selection of Contractor's period due to some unavoidable circumstances. With this proposed time extension the contract period will be of 66 (sixty six) months. The Consultants have described the following factors as an explanation for the requirement of Addendum-1.

- a. The Selection of Contractor for this project is an Open Tendering Method (International Competitive Tender) and it also incorporates Pre-qualification process. Minimum 42 (forty two) days had to be provided for Tender Submission as per Rule 83(1-Ka) of PPR 2008. Also PQ document, PQ evaluation report, Tender Document, Tender Evaluation Report, Draft Contract Agreement etc has to be concurred by the KFAED which also would require some time. Again the final Tender Evaluation Report has to be approved by the highest authority for procurement of Bangladesh. So, the 03 months 'Selection of Contractor's Period as mentioned in the Consultancy Contract, is not sufficient time duration for this project. Hence at least additional 09 months i.e. total 12 months in place of 03 months for the 'Selection of Contractor's is proposed.
- b. The Consultant team has input in assisting the Project during the Pre-Tender meeting, Tender opening, Tender Evaluation and recommendation etc works as per Contract document. So the following skeleton inputs for both staff-man-month and reimbursable costs for the additional 'Selection of Contractor's period are also proposed.

Table 1: Additional quantities required for Proposed Additional 'Selection of Contractor's Perior

Si no.	Position	Unit	Additional Quantity for Proposed Addendum-1
1a. Inti	ernational Staff		
1	Team Leader / Sr. Bridge Engineer	Staff-month	5.00
2	Sr. Contract Specialist	Staff-month	2.00
ib. Loc	eal Staff		
3	Doputy Team Leader	Staff-month	3.88
4	Quantity Surveyor	Staff-month	2.00
2a. Rei	mbursable Expenses (International)		
5	Residential accommodation for long term expatriate personnel	Month	5.00
б	Per Diem for short-term expatriate personnel	Day	60.00
7	International Travel Cost		
	a) Delhi - Dhaka - Delhi	- RT	3.00
	(b) Korea - Dhaka - Korea & others	RT	3.00







\$1.60	o. Position	Unit	Additional Cuantity for Proposed Addendum-1
21. R	elmbersable Expanses (National)		and the second of the second of the second demand of the second of the s
ξ	Ochanamonathin Cost, tolocommunication and including collater phone in mail, fax, postage, courier or	Month	9.00
Ç	Rental office accommodation	Nonth	9,00
10	Other transportation Vehicles on rental basis including operation and maintenance	Veh, Month	15.00
11	Support Staff		
	ii) Office Manager / Secretary	Month	9.00
	ii) Accountant	Month	6.00
	iii) Computor Operator	Month	9,00
	v) Photocopy Machine Operator	Monih	6,00
	vi) Office Assistant, Messenger, etc	Month	9,00
	vii) CAD Operator	Month	2.00

The comparison between Original Contract Cost and Cost with proposed Addendum-1 is given below:

Table 2: Original Contract Cost and Proposed Cost with Addendum-1

Item	. Original Contract Cost			Proposed Cost with Addendum-1			
i i i i i i i i i i i i i i i i i i i	US Dollar	BDT	Equivalent BDT	US Dollar	BDT	Equivalent BDT	
Design & Selection of Contractor Period	3,15,100	1,45,78,500		4,18,125	1,77,99,650		
Construction Supervision Period	12,75,300	6,66,68,500		12,75,300	6,66,68,500		
TOTAL costs (excluding VAT & IT)	15,90,400	8,13,47,000	20,77,83,800	16,93,425	8,44,68,150	21,90,95,438	
VAT @15%		3,11,67,570			3,28,64,316		
FT @10%		2,07,78,380			2,19,09,544		
Total for VAT & IT		5,19,45,950			5,47,73,859		
Total Amount (including VAT & IT)	15,90,400	13,32,92,950	25,97,29,750	16,93,425	13,92,42,009	27,38,69,297	

The proposed cost is about 5.44% more than the original contract price:

Table 3: Proposed Addendum-01

	iai	10 0. 1 10 00 00 0 1 1 0 0	PITOCITE OF		
lte	n Contract Name	Original Contract	Proposed	Increase Amount	% increase
ηo	!	(BDT)	Addendum 01(BDT)	from Original	w.r.t. original
	•	(including VAT & IT)	(including VAT & IT)	Contract (BDT)	contract
1	В	С	D	E=D-C	F
4	Consultancy Services for Design and Construction Supervision of Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal-Patuakhali road	25,97,29,750.00	27,38,69,297,00	1,41,39,547.00	5,44%

As per Clause 104[1(d-8)] of Public Procurement Rules 2008, the proposed Addendum-1 has to be recommended for approval by the Cabinet Committee on Government Purchase. The Development Partner of the Project i.e. Kuwait Fund for Arab Economic Development (KFAED) has provided its concurrence on the proposed Addendum-1 via memo no KF/30/9/841/1-133 dated 06-07-2015 (Enclosure-03). Provision for the Consultancy Services in the approved SDPP is BDT 26,11,89,000.00 including VAT & IT (Enclosure-04). The additional contract amount will be included in revised DPP.

Therefore, the undersigned is recommending and would like to request for further necessary action to approve the Addendum-1 for the Consultancy Service and oblige thereby.

Enclosed: As stated.

2

Secretary

Road Transport and Highways Division Ministry of

Road Transport and Bridges

Bangladesh Secretariat, Dhaka

Copy to: Project Director, Paira Bridge (Lebukhali Bridge) Construction Project, BRRL, Mirpur-Dhaka.

(Md. Feroz Iqbal) ID no. 005359

Chief Engineer

Roads & Highways Department Sarak Bhaban, Tejgaon, Dhaka ATTACHMENT-2: CONSULTANTS AUTHORIZATION LETTER(S) FOR ADDENDUM-1 SIGNING





सत्यमेव जयते

Certificate No.

Certificate Issued Date

Account Reference

Unique Doc. Reference

Purchased by

Description of Documents

Property Description

Consideration Price (Rs.)

First Party

Second Party

Stamp Duty Paid By

Stamp Duty Amount(Rs.)

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ICT PVT LTD

: Article Others

: Not Applicable

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(Zero)

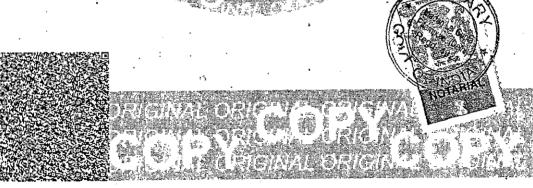
: ICT PVT LTD

: Not Applicable

ICT PVT LTD

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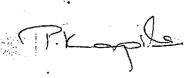
(One Hundred only)



.Please write or type below this line.

SPECIFIC POWER OF ATTORNEY

Know all men by these presents, we Intercontinental Consultants and Technocrats Pvt. Ltd., A-8, Green Park, New Delhi-110016, do hereby authorize Mr. Prashant Kapila S/o Mr. K. K. Kapila, R/o A-11, Green Park, New Delhi-110016, who is presently employed with us and holding the position of "Chief Operating Officer and President" as our attorney to do in our name and on







Statutory Alert:

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available on the website renders it invalid.

2. The onus of checking the legitimacy is on the users of the certificate

behalf of the Joint Venture Group consisting of M/s Intercontinental Consultants and Technocrats Pvt. Ltd., India (Lead Partner), M/s Kunhwa Engineering & Consulting Co. Ltd., Korea (Joint Venture Partner), M/s Dr. Nabeel Abdul-Raheem Consultants, Kuwait (Joint Venture Partner) and M/s Engineering & Planning Consultants Ltd., Bangladesh (Joint Venture Partner), all such acts, deeds and things necessary in connection with or incidental to our contract for "Consulting Services for Design and Construction Supervision of Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal – Patuakhli Road, Bangladesh", to sign the Revised Contract including Addendum No.1 with the Client namely "Ministry of Communication Roads Division, Roads and Highways Department, Dhaka, Bangladesh", representing us in all matters before the Client in connection with our contract for the said project.

We, hereby, agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall always be deemed to have been done by us.

Date: 23rd December, 2015

(K. K. Kapila)

Chairman and Managing Director Intercontinental Consultants and Technocrats Pvt. Ltd. A-8, Green Park, New Delhi-110016

I Accept

Specimen Signature of Mr. Prashant Kapila

Attested.

rugu

(K. K. Kapila)

Chairman and Managing Director

TOP INDIA

ATTESTED

NOTARY PUBLIC DELHI (INDIA)

My Commission Expire

VALID OUTSIDE INDIA

23 DEC 20151



서울특별시 강남구 테헤란로 317 (역삼동) 동훈타워 12종 [별지 제41호서식]

(전화) 02-3016-9508 (팩스) 02-564-0278

Registered No. 2015 - 1748

NOTARIAL CERTIFICATE

DAERYOOK&AJU LLC

12F., Donghoon Tower 317, Teheran-ro, Gangnam-gu, Seoul

법무법인(유한) 대통아주

2 KNO X 207 mgs

KUNHWA ENGINEERING & CONSULTING CO, LTD.



The Chief Engineer

Roads & Highways Department Ministry of Road Transport & Bridges Sarak Bhaban, Tejgaon, Dhaka-1208

Attention:

The Project Director

Paira Bridge (Lebukhali Bridge) Construction Project Roads & Highways Department Government of the People's Republic of Bangladesh, Sarak Bhaban, Patuakhali, Dhaka, Bangladesh.

Fax: +880 2 9557498 Email: pd.paira@gmail.com



Deogramma, Angarapsi, Gyennungado, KOSEA NGSBR-1709 - Sax - -20-2-041-7295

Letter of Authorization

KNOW ALL MEN BY THESE PRESENTS: That we, Kunhwa Engineering & Consulting Co., Ltd. (hereinafter referred to as "Kunhwa"), a duly organized and existing under the laws of Republic of Korea, having its principal office at 38, Heungan-daero 427 beon-gil, Dong-angu, Anyang-si, Gyeonggi-do, Korea, do hereby appoint Mr. Prashant Kapila, President and Chief Operating Officer of M/s Intercontinental Consultants & Technocrats Pvt. Ltd. (herein referred to as ICT), A-8, Green Park, New Delhi – 110 016, India, as our authorized representative of Joint Venture to signing the Revised Contract including Addendum No.1 with the Client "Ministry of Communication Roads Division, Roads and Highways Department, Dhaka, Bangladesh" for the Consulting Services for "Design and Construction Supervision of the Paira Bridge (Lebukhali Bridge) over the river Paira on Barisal-Patuakhali Road, Bangladesh". This Letter of Authorization shall be effective from the date hereof and shall remain effective until revoked by the undersigned at any time by providing written notice.

IN WITNESS WHEREOF, the undersigned has executed this Letter of Authorization on 22nd day of December, 2015.

For and on behalf of

Kunhwa Engineering & Consulting Co., Ltd.

Choi, Jin Sang

President

Como Bridge Constitution of the Border

* BL SS

- Borderless Engineers for Sharing Progress

[별지 제43호서식]

(전화) 02~3016~9508 (팩스) 02-564-0278

등부 2015년 제 1748호

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위	위임]장-						이
기:	재된	주식	회사	건화	대표	이사	최건] 장
		-						
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의	대리	인 홍	동동욱	·				<u>0</u>
본	공증	인의	면전	에서	위 본	-인이		
서	명날역	인 한	것임-	을 확	인하	였다.		

2015년 12월 23일 이 사무소에서 위 인증한다.

공증사무소 명칭

법무법인(유한) 대륙아주 DAERYOOK&AJU LLC

소 속 서울중앙지방검찰청 소재지표시

서울특별시 강남구 테헤란로 317 (역삼동)Address of the office 12F., Donghoon Tower 동훈타워 12층

본 사무소는 인가번호 제16호에 의거하여 2015년 02월 07일 법무부 장관으로부터 공증인 업무를 행할 것을 인가 받았다.

Registered No. 2015-1748

NOTARIAL CERT

Hong, Dong Wook				
attorney-in-fact-of				
Choi, Jin Sang / President				
Kunhwa Engineering & Consulting				
Co., Ltd.,				
appeared before me and admitted				
said principal's subscription to				
the attached Letter of Authorization.				

This is hereby attested on this 23rd day of Dec. 2015 at this office.

Name of the office

Belong to Seoul Central District Prosecutor's Office

317, Teheran-ro, Gangnam-gu, Seoul

Signature of the Notary Public KIM SUNG MOOK

This office has been authorized by the Minister of Justice, the Republic of Korea, to act as Notary Public Singaunh

7. Feb. 20 tactarter Law No. 16.



DR.NABEEL ABDUL-RAHEEM CONSULTANTS مكتب الدكتور/ نبيل جعفر عيدا لرحيم للإستشارات الهندسة

11th January 2016

The Chief Engineer

Roads & Highways Department Ministry of Road Transport & Bridges Sarak Bhaban, Tejgaon, Dhaka-1208

Attention:

The Project Director

Paira Bridge (Lebukhali Bridge) Construction Project Roads & Highways Department Government of the People's Republic of Bangladesh, Sarak Bhaban, Patuakhali, Dhaka, Bangladesh.

Fax: +880 2 9557498

Email: pd.paira@gmail.com

Subject:- Consultancy Services for Design and Construction Supervision of Paira Bridge (Labukhali Bridge) over the River Paira on Barisal-Patuakhali Road - Signing of Revised Contract including Addendum No. 1

Dear Sir,

We, M/s Dr. Nabeel Abdul-Raheem Consultants, P. O. 38955, Dahia Abdulla Al-Salem, State of Kuwait 72254, Kuwait through its Chairman and Managing Director, Dr. Nabeel Abdul Raheem, do hereby authorize Mr. Prashant Kapila, President and Chief Operating Officer of M/s Intercontinental Consultants & Technocrats Pvt. Ltd. (herein referred to as ICT), A-8, Green Park, New Delhi – 110 016, India, to do all such acts, deeds and things necessary in connection with or incidental with regard to signing the Revised Contract including Addendum No.1 with the Client "Ministry of Communication Roads Division, Roads and Highways Department, Dhaka, Bangladesh" for the above mentioned project on behalf of M/s Dr. Nabeel Abdul-Raheem Consultants and a member of the Joint Venture Group consisting of ICT in joint Venture with M/s Kunhwa Engineering & Consulting Co. Ltd., Korea and M/s Dr. Nabeel Abdul-Raheem Consultants, Kuwait and M/s Engineering & Planning Consultants Ltd., Bangladesh.

Thanking you

Yours truly.

(Dr. Nabeel Abdul Raheem)

Chairman and Managing Director

M/s Dr. Nabeel Abdul-Raheem Consultants,

P.O. 38955, Dahia Abdulla Al-Salem,

State of Kuwait 72254, Kuwait

P.O.Box 38351 Dahia Abdulla Al-Salen

State of Kuwait 72254 Tel.: (+965) 22470852 Fax.: (+965) 22470853

E-mail : Dr.Nabeel@narco-kw.com
Website : www.narco-kw.com

Engineering & Planning Consultants Ltd.

7/4, BLOCK-A, LALMATIA, G.P.O. BOX NO.-3815, DHAKA-1207, BANGLADESH

PHONE: 8110221. 9113772 9129904, 9114631

: 880-2-8114154 E-mail: epc@epc-bd.com admin@epc-bd.com

Website: www.epc-consultants.org

Dated 21 December 2015

Letter of Authorization

Contract (Revised-Addendum 1) for Consultancy Services for Design and Construction Supervision of the Paira Bridge (Lebukhali Bridge) over the River Paira on Barisal-Putuakhali Road, Bangladesh.

That Engineering and Planning Consultants Limited as a member of joint Venture with Intercontinental Consultants and Technocrats Pvt. Ltd. India, with Kunhua Consulting and Engineering Company Ltd. Korea and Dr. Nabeel Abdul-Rahim Consultants, Kuwait, be and it is hereby authorized to sign the said contract document.

That Mr. Md. Abdul Wadud Bhuiyan, Director of EPC be and is hereby authorized in lieu of Mr. Gazi A. Rahmani former Director EPC to initial and sign the said Contract document and any other documents related thereto, for and on behalf of Engineering & Planning Consultants Ltd and as member of the Joint Venture, in order to give effect to this authorization as the latter left the office on 01 August 2015.

Engr/Arch. A.K. Rafique Uddin Ahmed, P.Eng.,

Chairman & Acting Managing Director

Engineering and Planning Consultants Limited.

Signature of Md. Abdul Wadud Bhuiyan:

Attested:

ECONOMISTS