



Loan No. and Title:	3562-PAK: Punjab Intermediate Cities Improvement Investment Program (PICIIP)
Contract No. and Title:	NCB-Works/PICIIP-03: Procurement of works for Sahiwal-Water and Sanitation (Lot 1: Water Supply System, Filtration Plants, Tube-wells, OHRs, SCADA and Allied Works)

ADDENDUM No. 2

Subject: Amendment No. 2 to Bid Document for Water Supply System, Filtration Plants, Tube-wells, OHRs, SCADA and Allied Works (NCB-Works/PICIIP-03 (Lot 1) in accordance with ITB 8.1, Section 1 (Instructions to Bidders) of Bidding Documents

With reference to IFB Notice dated 17 August 2020 published on 17 August 2020 and IFB published on ADB website on 18 August 2020 and the Addendum No. 1 issued on 21st August 2020 following amendments have been made in the various sections of the Bidding Documents under this Addendum No.2 in accordance with ITB 8.1.

The addendum shall be read and construed as an integral part of the Bidding Documents and shall take precedence in case of any conflict / ambiguities in the Bidding Documents and other provisions within. The changes mentioned herein below are applicable for Contract No: NCB-Works/PICIIP-03 (**Lot 1: Water Supply System, Filtration Plants, Tube-wells, OHRs, SCADA and Allied Works**), unless indicated otherwise.

1. Section – 4: Bidding Forms

i) Bill of Quantities for Lot-1

In the Page No. 3 of “*Summary of Cost*”, the cost of Bill No. 1.13 (Environmental Management Plan) is missing and the “*Bill No. 1.13*” is missing from the Bill of Quantities i.e. **Annexure-A** to the Bidding Documents. Therefore, the corrected Page No. 3 of “*Summary of Cost*” and “*Bill No. 1.13*” is to be made a part of **Annexure-A** to the Bidding Documents, accordingly; as shown below:

“Page No. 3 of Summary of Cost”

REHABILITATION/ IMPROVEMENT OF WATER SUPPLY SYSTEM, SAHIWAL (PHASE-1)
(LOT # 1)

BILL OF QUANTITIES

SUMMARY OF COST

Bill NO.	Description	Amount (Rs.)
1.9	WATER FILTRATION PLANT (10=3+7 Nos)	
	MRS ITEMS	
	NON MRS ITEMS	
	TOTAL - WATER FILTRATION PLANT (10=3+7 Nos)	
1.10	REHABILITATION OF TUBE WELL AND PUMP HOUSE (45=38+7 Nos)	
1.11	REHABILITATION OF FILTRATION PLANTS (20=15+5 Nos)	
1.12	REHABILITATION OF OHRs (7 Nos)	
1.13	ENVIRONMENTAL MANAGEMENT PLAN (EMP) IMPLEMENTATION	7,745,000
	TOTAL COST	



“Bill No. 1.13 (Environmental Management Plan)”

**REHABILITATION/ IMPROVEMENT OF WATER SUPPLY SYSTEM, SAHIWAL (PHASE-1)
(LOT # 1)
BILL OF QUANTITIES**

BILL NO. 1.13 Environmental Management Plan (EMP) Implementation

1	General Mitigation Measures	Unit	Quantity	Rate per Unit (PKR)	Total Amount (PKR)
a	Water Bowers for Water Sprinkling	PS	-	-	1,500,000.00
b	PPEs for Contractor Staff:				
b.i	Gloves	PS	-	-	100,000.00
b.ii	Helmets	PS	-	-	150,000.00
b.iii	Safety Shoes	PS	-	-	150,000.00
b.iv	Protective Eyewear	PS	-	-	75,000.00
b.v	Safety Harnesses	PS	-	-	60,000.00
b.vi	Face Masks	PS	-	-	5,000.00
c	Information Boards advising 'Caution', 'Reduce Speed' etc.	PS	-	-	60,000.00
d	Spill Trays to prevent Oil/chemical contamination	PS	-	-	60,000.00
e	Waste Bins at Work Sites & Worker Camps for Housekeeping	PS	-	-	60,000.00
f	Metal Drums for storing of hazardous and non-hazardous materials from Work Sites & Worker Camps	PS	-	-	100,000.00
2	Traffic Management Plan Implementation				
a	No. of Traffic Wardens/Flag Persons	PS	-	-	1200000
b	Length of Barricade Tape to be used (m)	PS	-	-	300000
c	No. of Jersey Barriers to be used (for lane segregation & defining of routes)	PS	-	-	150000
d	Traffic Cones	PS	-	-	75000

**REHABILITATION/ IMPROVEMENT OF WATER SUPPLY SYSTEM, SAHIWAL (PHASE-1)
(LOT # 1)
BILL OF QUANTITIES**

BILL NO. 1.13 Environmental Management Plan (EMP) Implementation

3	Community Health and Safety Plan Implementation	Unit	Quantity	Rate per Unit (PKR)	Total Amount (PKR)
a	Wardens preventing community access to work sites & parked machinery/equipment	PS	-	-	1200000
b	Length of Barricade Tape to be used (m)	PS	-	-	300000
c	No. of Jersey Barriers to be used (for protection from ditches & deep excavated areas)	PS	-	-	150000
d	No. of Advertisements (radio & newspapers) to warn communities regarding ongoing works	PS	-	-	300000
e	Provision of lighting systems (lights, wires & generator per site) for night time at work sites with deep ditches/excavations	PS	-	-	250000
4	Environmental Monitoring Personnel	PS	-	-	840000
5	Annual Environmental Laboratory Monitoring Costs				
a	Pre-Construction Phase ('One time' before Construction starts at 3 locations)				
a.i	24 hrly Air quality Monitoring (NEQS Parameters)	PS	-	-	60000
a.ii	24 hrly Noise Monitoring (NEQS Parameters)	PS	-	-	60000
b	Construction Phase (Quarterly basis at 3 locations)				
b.i	24 hrly Air quality Monitoring (NEQS Parameters)	PS	-	-	240000
b.ii	24 hrly Noise Monitoring (NEQS Parameters)	PS	-	-	240000
6	Capacity Development & Training Programme				
a	Pre-Construction Phase				
	Short Courses on EMP implementation	PS	-	-	30000
b	Construction Phase				
	Short Seminars on Environmental Monitoring	PS	-	-	30000
Total Amount (PKR)					7,745,000

Note: The 'per unit' rates provided above are the 'minimum' rates to be quoted by bidder. In case bidder wishes to propose higher rates, it may do so in the appropriate column.



2. Section – 8: Particular Conditions of the Contract:

i) **Part – A: Contract Data: Sub – Clause 14.2**

The text pertaining to *Sub – Clause 14.2 Total advance payment*, in the table is corrected as follows:

14.2	Total advance payment	20% (twenty percent) of the Accepted Contract Amount payable in the currencies and proportions in which the Accepted Contract Amount is payable.
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This Addendum shall now serve as mandatory part of the bidding document for the relevant sections and shall be referred to while preparing the bid.

Program Director
Program Management Unit (PMU)
Punjab Intermediate Cities Improvement Investment Program (PICIIP)
Local Government & Community Development Department, Punjab
Telephone: +92-042-99211074 - Fax: +92-042-99211070
E-mail: pmu.piciip@punjab.gov.pk
Website: <http://piciip.gop.pk>