

OFFICE OF THE EXECUTIVE ENGINEER (PROJECT) W-II
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No:- DJB/EE (Project) W-II - 235

Dated:-08.06.2017

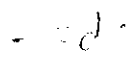
CORRIGENDUM No. - 9
NIT No. 01(2016-17)/EE (Project) W-II
REPLY OF CLARIFICATION TO PRE-BID QUERIES-III

**Name of Work :- Design, Construction, Installation, Testing, Commissioning and Automation with 2 years DNP and 14 years O&M of 477 MLD Chandrawal Water Treatment Plant including Up gradation and Implementation of Part Existing Units and Central Water Management Centre
Under
JICA Assisted Delhi Water Supply Improvement Project in Chandrawal WTP
Command Area (Loan No. ID-P225)**

This is in continuation to the earlier corrigendum no. 8, corrigendum no. 7, corrigendum no. 6, corrigendum no.5, corrigendum no.4, corrigendum no.3, corrigendum no.2, corrigendum no.1 and corrigendum as notice regarding extension of dates.

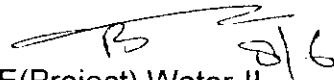
The reply of clarification to pre-bid queries-III has been attached here with.

All other conditions remain the same.


(B. S. Rawat)
EE (Project) Water-II

Copy to :-

1. P.A to CEO / Member (A) / Member (F) / Member (WS) / Member (DR) / Addl. CEO, DJB
2. CE(Water)Project/CE(WW)
3. SE(Project)W-III/SE(WW)
4. DOV
5. EE(E&M)-I
6. EE(EDP) - To upload on DJB website.(www.delhijalboard.nic.in)
7. JICA India Office
8. Under Secretary JAPAN-III, DEA
9. M/S TEC Ltd. (Project Manager)
10. AE-I / AAO
11. M/F & O/C


EE(Project) Water-II

JICA Assisted Delhi Water Supply Improvement Project in Chandrawal Water Treatment Command Area (ID-P225)

NIT NO. 1(2016-17)/EE (PROJECT) W-II

Package 1: Design, Construction, Installation, Testing, Commissioning and Automation with 2 years DNP and 14 years O&M of 477 MLD Chandrawal Water Treatment Plant Including Upgradation and Implementation of Part Existing Units and Central Water Management Centre

CLARIFICATION TO PRE-BID QUERIES – III (Dated 02.06.2017) R1

Sl. No	Sl. No. in Corrigendum	Page No	Subject	Pre-bid Query	DJB Reply on Pre-bid Queries
1	Corrigendum & addendum 6 Clarification to pre-bid replies S.No 311		Electrical consumption Power	Bidder had raised the following query "We understand that the power consumption guarantee is to be provided as fixed consumption (irrespective of the supply of raw water to the plant) and variable consumption based on the supply of raw water. And the penalty will be calculated for the excess power consumed additional to what is being guaranteed as above. Kindly confirm. Please provide the format for Electric Power Consumption Guarantee" for which the reply provided was "Power Guarantee shall be given on per ML of water produced. Hence, whether	<p>The main purpose of power guarantee is to economize energy consumption in all activities and processes. The WTP is envisaged to run at full designed capacity only and accordingly all guarantee figures in the contract have been put up.</p> <p>However, in case of exigencies, when the plant has to run at lower capacity due to no fault of the contractor, necessary adjustment shall be done based on documentary evidence and justification.</p>

Sl. No	Sl. No. in Corrigendum	Page No	Subject	Pre-bid Query	DJB Reply on Pre-bid Queries
				<p>the plant is running at full capacity or less will be immaterial.”</p> <p>Query</p> <p>Bidder understands that the power guarantee value provided in the format “_____ kWh/ML ”is applicable for full load operating conditions i.e., at raw water inflow of 486 MLD. The Electro-mechanical equipment selected for the WTP will operate at maximum efficiency at full load capacity i.e 486 MLD. In case of reduced inflow, the power consumption will exceed the guaranteed power consumption value as the fixed drives will operate at lower efficiency. Hence the Bidder requests the Employer to accept power guarantee separately for fixed and variable drives as below:</p> <p>Fixed Power : _____ kWh/Day</p> <p>Variable Power : _____ kWh/ML</p>	
2	Tender clause no : Vol.I.3 Financial		Minimum average annual construction turnover in water/sewage sector of USD 35 million), calculated as total	We request you to please consider “Gross Annual Turnover” within last 5 years and remove Average Annual Construction Turnover.	Tender conditions shall prevail

Sl. No	Sl. No. in Corrigendum	Page No	Subject	Pre-bid Query	DJB Reply on Pre-bid Queries
	situation 3.2 Average Annual Construction Turnover		certified payments received for contracts in progress and/or completed, within the last 5vfinancial years. JV requirement : Each Partner Must meet 25% of the requirement.	Please accept and confirm	
3	Tender clause no : Vol. I 1 Experience 4.1 General Construction Experience.		Experience for completed/ongoing construction and/or O&M contracts in the role of prime contractor (single entity or JV member), or management contractor (i) minimum last 7 years (i.e. the period, starting 1 st January 2008)	We request you to please modify the subject clause (General Construction Experience) as follows Experience for completed / ongoing construction and / or O&M contracts in the role of prime Contractor or JV partner or Sub-contractor or Management Contractor in minimum last 5 years (i.e. the period , starting 1 st January 2012) Please review and consider our request which will enable us to participate in the subject tender.	Tender conditions shall prevail
4		M-24	VOL.-III, Section VI, Cl. 2.3.10.2 Pumps 4) Construction of Pumps (last paragraph) The supplied pump shall offer low operation cost by way of sustained efficiency with no degradation for first two years and thereafter by maximum 0.25% every year up to economical life. Lowest cost of Ownership to department shall	It is impossible to guarantee and to verify efficiency decrease reasonably in the required range at site year by year. Pump operating range is also one of the largest factor for Pump degradation, but Pump operating range is not provided neither conditioned. Because the power consumption is already required to guaranteed for the whole WTP	Tender condition shall prevail

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			<p>be the basis of evaluation and periodic energy audit will be conducted to check on efficiency degradation.</p> <p>CLARIFICATION TO PRE-BID QUERIES [737].</p>	<p>including the Pump Station during 2 years DNP and 14 years O&M, it is considered that further detail power consumption guarantee is not necessary for each equipment</p> <p>Please clarify.</p>	
5		91 of 204	<p>VoI-II, Section-IV, Notes on Prices Schedules / Pricing</p> <p>8) The rate and price quoted by the Bidder shall be considered that he Accepted Contract Amount shall be deemed to cover and unchanged even if the size and/or capacity of the Transmission Pumping Facility increase within 10% from stated in the Works requirements.</p> <p>CLARIFICATION TO PRE-BID QUERIES [18], [550], and [712].</p>	<p>1) The time limit shall be defined to notify from DJB to the Contractor to increase the capacity by 10%. Otherwise, it is impossible to the contractor not to change the contract price. If such capacity increase is notified after the commencement of production of the pumps or other related equipment, it is very clear that cost will be changed.</p> <p>2) The scope of “Contract Amount, which shall be covered and unchanged, shall be defined also. Otherwise, the bidder cannot help quoting the total contract price for 110% capacity, not only Pump, or Pump, or Pump and Motor, but even including substation.</p> <p>Please clarify.</p>	Tender condition shall prevail
6		M-19	<p>VoI-III, Section VI, Clause 3,</p> <p>3) Performance tests</p> <p>Pumps shall be factory tested for performance in accordance with BS EN ISO 9906 or IS</p>	<p>Shall we understand ‘Pump performance test shall be executed by the factory witnessed by a testing agent approved by the Engineer’?”</p>	Tender condition shall prevail

Sl. No	Sl. No. in Corrigendum	Page No	Subject	Pre-bid Query	DJB Reply on Pre-bid Queries
			8034 and IS 1710 by a testing agent approved by the Engineer and shall be to accuracy class C. CLARIFICATION TO PRE-BID QUERIES [729].	Please confirm.	
7			Schedule No. 8.2 – Routine Operating Cost of electricity	<p>(i) The total power consumption in KW Hr is arrived as follows; Rating (KW) (e) x Efficiency (%) (f) x working pumps (c) x total hours in 16 years (g) In the above calculation , power consumption is arrived on motor rating and not on the absorbed power</p> <p>(ii) Bidder has to furnish power consumption in KW Hr per ML. We wish to state that power consumption shall not reduce proportionately in case there is reduction in water production. Hence the power consumption guarantees cannot be arrived on KW Hr per ML basis</p>	<p>(i) The term ‘Rating KW’ under column (e) is clarified as ‘output to motor KW (Pump BKW)’</p> <p>Also under the last column the ‘Total KW Hr. in 16 years; shall be = (c)*(e/f)*(g)</p> <p>(ii) The WTP is envisaged to operate at design capacity only. In case, it has to operate at reduced capacity with no fault of the contractor, then appropriate adjustment shall be done.</p>