

pIFB Ref No: BUIDCo/BUDIP-1/NCB/11 Dated 13.04.2020

Project Loan/Project No. and Title: Bihar Urban Development Investment Program – Project 1 (ADB Loan No. 2861-IND)

Package Name: Remaining works for Improvement of Water Supply System in Bhagalpur Municipal Corporation (BWSP-01)

SNo	Contract Package Details
1.	<b>BH/WS/01 - Package 01</b> Balance works of Three OHSRs Zone of Water Supply System in Bhagalpur Municipal Corporation (BWSP01- Package 01)
2.	<b>BH/WS/01 - Package 02</b> Balance works of Ten OHSRs Zone of Water Supply System in Bhagalpur Municipal Corporation (BWSP01 – Package 02)
3.	<b>BH/WS/01 - Package 03</b> Balance works of Ten OHSRs Zones of Water Supply System in Bhagalpur Municipal Corporation (BWSP01 – Package 03)
4.	<b>BH/WS/01 - Package 04</b> Balance works of Existing WTPs and Emergency Intakes Works for the Water Supply system in Bhagalpur Municipal Corporation (BWSP01 – Package 04)

**Response to Bidders' Queries received during/after Pre-bid Conference held on 20 April 2020 at BUIDCo, Patna**

SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
1.	<b>BDS</b> <b>ITB 7.4</b> <b>Vol I of Bid Document</b>	A Pre-Bid meeting will take place at the Conference Hall of BUIDCo at 11:00 Hrs on 20 <sup>th</sup> April 2020.	As you are aware that our country is under lockdown due to COVID – 19 pandemic and all kind of transportation/movements are stalled. Hence it is not possible for bidders to attend the Pre Bid Meeting as per given schedule. However, this being a Balance Work of Left Over Project, it is very important to have the Pre bid Meeting after a proper Site Visit is conducted. Hence, we request you to kindly organise the Pre bid Meeting on 12 <sup>th</sup> May 2020, once the Lockdown is over. Please consider and confirm.	Not agreed. The Bidding Document's provision shall prevail.
2.	<b>BDS</b> <b>ITB 7.4</b> <b>Vol I of Bid Document</b>	A Site visit conducted by the Employer will be organized at 11:00 Hrs on 21st April 2020.	As you are aware that our country is under lockdown due to COVID – 19 pandemic and all kind of transportation/movements are stalled. Hence it is not	Not agreed. The Bidding Document's provision shall prevail.

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SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
			possible for bidders to attend the Site Visit as per given schedule. However, this being a Balance Work of Left-Over Project, it is very important to have the Site Visit for proper understanding of the site conditions and quantum of left over work. Hence, we request you to kindly organise the Site Visit on 11 <sup>th</sup> May 2020, once the Lockdown is over. Please consider and confirm.	However, once the lockdown is lifted, the Bidders can visit site any day and the site Engineers of PIU/DSC will show them all the locations.
3.	BDS ITB 14.5 Vol I of Bid Document	The prices quoted by the Bidder shall be: <b>not subject to price adjustment.</b>	Due to the current scenario, it is difficult to foresee the market rates that will prevail in the next 12 – 18 months. Hence, we request you to kindly allow price adjustment mechanism. Please consider and confirm.	Not Agreed. Bidding document provisions shall prevail.
4.	IFB - BUIDCo/BUDIP-1/NCB/11	Construction Period – 12 Months	Even after the Lockdown is over, social distancing have to be maintained which shall impact the number of labours that can be engaged at construction site which shall directly impact the pace of work progress. We request you to kindly extend the Construction time period to atleast 24 months.	1.For BH/WS 01 package 01 Refer S.No 7, 9,13,14,15 and 16 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 8,11,13,14,15,16,17 and 18 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No8,11,13,14,15,16,17 and 18 of Addendum No. 1 4.For BH/WS/01 Package 04 Refer S.No 7,9,13,14,15 and 16 of Addendum No1
5.	IFB - BUIDCo/BUDIP-1/NCB/11	O&M Period – 5 years	We understand that Client shall bear the cost of Electricity during the O&M period. Please Confirm.	Yes. The Electricity charges during O&M period shall be born by BMC. (Bhagalpur Municipal Corporation)
6.	IFB BUIDCo/BUDIP-1/NCB/11	BALANCE WORKS OF TEN OHSRs ZONE OF WATER SUPPLY SYSTEM IN BHAGALPUR MUNICIPAL CORPORATION (BWSP)	Since this being a Balance work as mentioned in the Contract Package detail of IFB, please confirm which / who was the earlier contractor who had left the job incomplete.	Earlier the contract was awarded to: <i>M/s PAN India Infraprojects Pvt Ltd, India &amp; Ranhill Utilities Sdn Bhd, Malasiya (JV)</i>

SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
7.	Section -3 , EQC 2.4.2 2. Vol I Bid Document	BH/WS/01-PACKAGE 02 Construction of pump house 10 Nos, under a single contracts, within the last seven years.	All Tube wells need not necessarily need a pump house above it as multiple pumps located underground within a close vicinity can be controlled from a single Electrical station. Hence, we request you to allow multiple projects to meet this requirement. Please consider and confirm.	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 5of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1 No1
8.	Section -3 , EQC 2.4.2 4. Vol I Document	Construction and commissioning of at least 5 Overhead Service Reservoirs of 1 ML to 2.5 ML capacity, under a single contract, within the last seven years.	A contractor carries out construction of various water supply projects at the same time. Under these contracts various components of similar size are built but it is not necessary that all the projects have similar number of components. It is the experience of contractor to build certain number of structures which counts, whether they are under same contract or different should not matter. Hence, we request you to allow multiple contracts to meet this requirement. Please confirm. Also, we understand that OHSR above 2.5 ML shall also be counted for meeting the experience. Please confirm.	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 5 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1 No1
9.			You are well aware first week of Mar-2020, all over the country uncertainties were prevailing on the outcome of Covid-19 and its subsequent effect & actions at various States. Currently entire country is under lockdown conditions since 25 <sup>th</sup> of Mar-2020. Offices are closed, transportations are not available, flights are not operating and under such conditions, it is not possible for us to attend the pre-bid meeting. Therefore, we are now sending this letter to you by e-mail to register our concern over mail.	Noted.
10.			Secondly, we observe time period of completion of each package was too short i.e. one year as laid down in the tender documents. kindly note, these packages are left over portion of the earlier contract, where our preliminary site survey report suggested,	1.For BH/WS 01 package 01 Refer S.No 5, 7,9,11,12,13,and 14, of Addendum No 1 2.For BH/WS/ 01 package 02

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SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Responses
			there are many missing link/gaps of pipelines laid by previous contractor and As-built drawings are also not available at site. Hydro-testing was also not done for the laid portions of the pipelines by previous contractor. Under such condition, it would be extremely difficult to complete the project within one year considering current threat of Corona Virus, where we are not sure how long this condition will continue.	Refer S.No 6,9,11,13,14,and 15 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No6,9,,11,13,14, and 15of Addendum No. 1 4.For BH/WS/01 Package 04 Refer S.No 5,8,10,12,,13, and 14 of Addendum No1
11.			Based on the points raised above, you are requested to provide the details of As-Built drawings for the work already done at site and left over portions with gap closing arrangements like fixing of valves, joints with specials, incomplete portion of hydro-testing on the already laid portion to assess the real ground situations for each package.	Yes. The good for construction (GFC) drawings will be provided by BUIDCo through Design & Construction Supervision Consultants (DSC) after award of work. However the drawings available in PIU, Bhagalpur office and the bidders can visit the Bhagalpur office and can see the drawings.
12.			We further request you to organize detailed site visit along with Departmental officials once the situation becomes normal after complete lockdown is lifted by Central Govt.	Refer clarification at S.No. 2.
13.			Under present circumstances, we could only request to extend the date of submission of the tender of 4 packages one month after lockdown or 30 <sup>th</sup> June-2020, whichever is later.	For BH/WS/01 Package 04 Refer S.No 1 of Addendum No1
14.			Kindly also note, project completion period needs to be increased to minimum two years, otherwise it would be a deterrent factor for many bidders like us to participate in these four packages.	Refer clarification at S.No. 10.
15.			Therefore, it is our earnest appeal to consider our request as mentioned above for the subject tender for all the Packages with revised date of submissions and completion time of 2 (two) years.	Refer clarification at S.No. 10.
16.	Section 3: Evaluation and Qualification Criteria; Clause 2.4.2: Construction and Operation Experience in Key		For items 1, 2 & 3 (Tubewell, Pump House & LT Pump Set respectively) the criteria can be met in one or more than contracts while for items 4 & 5	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02

SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
	Activities Vol I of Bid Document		(Overhead Service Reservoirs & Distribution Pipeline respectively) the experience criteria is to be met from a single contract.  This discrepancy in qualification criteria seems to benefit or disadvantage potential bidders. Request you to amend the criteria (2.4.2 Construction and Operation Experience in Key Activities Items 1,2,3,4 & 5) so that the Experience in Key Activities to be fulfilled from either one contract or multiple contracts uniformly.	Refer S.No 5 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1 No1
17.	Section 3: Evaluation and Qualification Criteria; Clause 2.4.2 Vol I of Bid Document		Since the duty cycle of LT Pump Set (Item 3) & Capacity of the tower (Item 4 Overhead Service Reservoirs) is specified, request you to also specify the size of tubewell for Item 1.	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 5 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1 No1
18.	Section 3: Evaluation and Qualification Criteria; Clause 2.4.2 Vol I of Bid Document		House Connection is also a significant component of the work with approximately 28000 connections per group. Since experience for activities like LT Pumps & Tubewell is demanded so experience for similar number of house connections should also be demanded.	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 5 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1 No1
19.	Section 3: Evaluation and Qualification Criteria; Clause 2.4.2 Vol I of Bid Document		Since water treatment plant is not to be constructed in these packages the experience of Operation and Maintenance of water supply project without WTP be considered.	Package 04 consists of renovation of WTPs. Hence this experience in Water Treatment Plant Construction is needed. 1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02

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SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses																
				Refer S.No 5 of Addendum No 1 ✓ 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1 ✓  4. .For BH/WS 01 package 04 Refer S.No. 4 of Addendum No. 1 ✓																
20.	Vol I of Bid Document		Please provide the list of documents to be submitted in case of specialized sub contractors.	Refer ITB 11.2 (g) (iii) of Section 2: Bid Data Sheet.																
21.	Vol I of Bid Document Section 3 Eligibility criteria Clause 2.4.1 Note S.No 3		Since the NIT has published in 13 <sup>th</sup> April 2020, we would request you to consider price level of cost of completed and commissioned works the previous years value shall be given weightage of 10% per year as follows <table border="1" data-bbox="1137 767 1666 1126"> <thead> <tr> <th>Financial year</th> <th>Weightage</th> </tr> </thead> <tbody> <tr> <td>2019-2020</td> <td>1.00</td> </tr> <tr> <td>2018-2019</td> <td>1.10</td> </tr> <tr> <td>2017-2018</td> <td>1.21</td> </tr> <tr> <td>2016-2017</td> <td>1.33</td> </tr> <tr> <td>2015-2016</td> <td>1.46</td> </tr> <tr> <td>2014-2015</td> <td>1.61</td> </tr> <tr> <td>2013-2014</td> <td>1.77</td> </tr> </tbody> </table>	Financial year	Weightage	2019-2020	1.00	2018-2019	1.10	2017-2018	1.21	2016-2017	1.33	2015-2016	1.46	2014-2015	1.61	2013-2014	1.77	1.For BH/WS 01 package 01 Refer S.No 3 of Addendum No 1 ✓ 2.For BH/WS/ 01 package 02 Refer S.No 4 of Addendum No 1 ✓ 3.For BH/WS 01 package 03 Refer S.No. 4 of Addendum No. 1 4.For BH/WS/01 Package 04 ✓ Refer S.No 3 of Addendum No1
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22.	Vol I of Bid Document Section 3 Eligibility criteria Clause 2.4.2 Note S.No		Supply, erection and commissioning of LT pumps having either duty of 100 m3 per hour x 65 m head and above or 18 kw capacity and above 10 Nos in last seven years	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 5 of Addendum No 1 ✓ 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1																

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SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
				4. For BH/WS 01 package 04 Refer S.No. 4 of Addendum No. 1
23.	Vol I of Bid Document Section 3 Eligibility criteria Clause 2.4.2 Note S.No		In the package 1,2 and 3 capacity of OHSR limited. So our request is kindly consider construction & commissioning of at least 5 OHSRs of 0.50 ML to 2.50 ML capacity from multiple contract within last seven years ( This criteria can be met by Bidder )	1.For BH/WS 01 package 01 Refer S.No 4 of Addendum No 1 2.For BH/WS/ 01 package 02 Refer S.No 5 of Addendum No 1 3.For BH/WS 01 package 03 Refer S.No. 5 of Addendum No. 1
24.	4 _Contract Period Vol I of Bid Document	Construction period: 6 months; O&M period: 5 yrs	The complexity of project involves from Intake, Rising main to distribution main, switchyard, WTP and clear water system. Major such similar projects are implemented by Central/state government department allows at least 18 to 24 months for such kind of projects so we request you to kindly consider construction period at least 12 months.	For BH/WS/01 Package 04 Refer S.No 5,8,10,12,13, and 14 of Addendum No1
25.	Eligibility 2.4.2_SN 03 Vol I of Bid Document	Providing, laying, jointing and commissioning of Water transmission/distribution pipelines of Ductile Iron (DI) of various sizes/ lengths as, under a single contract, within the last seven years: DI Pipes- Diameter above 500mm- 10 km (This criteria should be met by the bidder itself)	Since the Rising main/Transmission main involves 7.20 km of 900mm diameter. however, in Eligibility 10 km length has been asked. We would like to inform that other implementing central/state government department have completed work of Rising / Transmission Main as Metallic Pipeline (MS/DI) irrespective of diameter. In addition to that generally experience considered for pipeline length works is 50% of scope of the pipeline length. so, we request you to kindly consider Metallic Pipeline (MS/DI) for Diameter equal and above 500mm and 7.20 km length	Refer S.No 4of Addendum No. 1 for BH/WS / 01 Package 04
26.	Eligibility _2.3.2 Vol I of Bid Document	Minimum average annual construction turnover of INR 505	We understand that FY 19 – 20 will be considered in Minimum average annual construction turnover	Not agreed. Bid provisions shall prevail..

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SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Responses
		million (or USD 7.76923 million) calculated as total certified payments received for contracts in progress or completed, within the last three years.	within last 3 years as NIT was published on the 13th of April 2020 Kindly consider and conform.	
27.	Eligibility cl.2.4.2_SN 03 (Pipeline) Vol I of Bid Document		We request you to kindly allow Metallic Pipeline (MS/DI) for length of 5km.	Refer S.No 4 of <b>Addendum – 01</b> for BH/WS/01 - Package 04.
28.	Eligibility_2.3.2 (Average Annual Construction Turnover) Vol I of Bid Document		Since submission is scheduled in May 2020. Kindly consider turnover for FY 19-20, 18-19 & 17-18 as last three years.	Not agreed. The Bidding Document's provision shall prevail.
29.	Section 3: Evaluation and Qualification Criteria; Clause 2.4.2 Vol I of Bid Document		For item 1, experience of Water Treatment Plant (WTP) with 1 year Operation & Maintenance (O&M) is required. Request you to consider WTP with 1 year O&M and instead consider O&M experience for entire water supply project.	Not agreed. The Bidding Document's provision shall prevail, since the package 04 is having the components of WTP renovation and experience in this required
30.	Section 3: Evaluation and Qualification Criteria; Clause 2.4.2 Vol I of Bid Document		For item 3, Ductile Iron (DI) Pipe experience of diameter 500mm and above - 10km is required. In the tender 900 mm dia pipes of 8600m length is to installed. we are established & experienced contractors of Bihar and have executed significant amount of work in Bhagalpur. We shall be able to execute the quality work within time. Request you to consider the experience 10km pipe of diameter 250mm and above.	Refer S.No 4 of <b>Addendum – 01</b> for BH/WS/01 - Package 04.
31.	Vol I Bid Document		Please provide the list of documents to be submitted in case of specialized sub contractors.	Refer ITB 11.2 (g) (iii) of Section 2: Bid Data Sheet.

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## BH/WS/01 - Package 04: Addendum – 01

SNo	Clause Section Reference	Existing Provision	Amended. Now to be read as																
1.	Section 2 Bid Document Vol I	ITB 22.1 & 25.1	<p><i>Bid Submission Date ..... 18.5.2020 12.00 Noon</i></p> <p><i>Bid opening Date – 18.5.2020 Immediately after the dead line for Bid Submission</i></p>																
2.	Section 3 Bid Document Vol I	2.3.3 Financial Resources	<p><i>Using Forms FIN – 3 and FIN - 4 in Section 4 (Bidding Forms), the Bidder must demonstrate access to, or availability of, liquid assets, lines of credit, or other financial resources (other than any contractual advance payments) to meet the Bidder's financial resources requirement indicated in Form FIN-4.of INR 127 Million (or USD 1.95385. million</i></p>																
3.	Section 3 Bid Document Vol I	2.4.1 Contract of Similar Nature and size	<p><i>Note</i></p> <p><i>1....</i></p> <p><i>2...</i></p> <p><i>3.For present price level of cost of completed and commissioned works, the previous years' value shall be given weightage of 10% per year as follows</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Financial year</th> <th>Weightage</th> </tr> </thead> <tbody> <tr><td>2018-2019</td><td>1.00</td></tr> <tr><td>2017-2018</td><td>1.10</td></tr> <tr><td>2016-2017</td><td>1.21</td></tr> <tr><td>2015-2016</td><td>1.33</td></tr> <tr><td>2014-2015</td><td>1.46</td></tr> <tr><td>2013-2014</td><td>1.61</td></tr> <tr><td>2012-2013</td><td>1.77</td></tr> </tbody> </table>	Financial year	Weightage	2018-2019	1.00	2017-2018	1.10	2016-2017	1.21	2015-2016	1.33	2014-2015	1.46	2013-2014	1.61	2012-2013	1.77
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4.	Section 3 and Section 4 Bid Document Vol I	2.4.2 Item 3	<p>1.....</p> <p>2.....</p> <p>3. Providing, laying, jointing and commissioning of water transmission/distribution pipelines of Ductile Iron (DI) of various sizes/ lengths as, under a single contract, within the last seven years:</p> <p>DI Pipes</p> <p>- Diameter above 500mm – <u>10 km</u></p> <p><i>(This criteria should be met by the bidder itself)</i></p> <p>4. Supply, Erection, testing and commissioning of Centrifugal pumpsets with minimum capacity of 300 m<sup>3</sup>/hr x 50 m head with in last seven years (This criteria can be met by the bidder or by the Specialist sub-contractor)</p> <p>5. Successfully carried out the Operation and Maintenance of a Water Supply Project having water treatment plant, transmission pipelines, for at least one year, under a single contract, within the last seven years.</p> <p><i>(This criteria can be met by the bidder or by the Specialist subcontractor)</i></p>	<p>1.....No change</p> <p>2.....No change</p> <p>3. Providing, laying, jointing and commissioning of water transmission/distribution pipelines of Ductile Iron (DI) of various sizes/ lengths as, under a single contract, within the last seven years:</p> <p>MS/DI Pipes</p> <p>- Diameter above 500mm – <u>5 km</u></p> <p><i>(This criteria should be met by the bidder itself)</i></p> <p>4. Supply, Erection, testing and commissioning of Centrifugal pumpsets with minimum capacity of 300 m<sup>3</sup>/hr x 50 m head - 1 Nos in a single contract with in last seven years <i>(This criteria can be met by the bidder or by the Specialist sub-contractor)</i></p> <p>5. Successfully carried out the Operation and Maintenance of a Water Supply Project having water treatment plant, transmission pipelines, for at least one year, under a single contract, within the last seven years.</p> <p><i>(This criteria can be met by the bidder or by the Specialist subcontractor)</i></p>
5.	Section 6 Bid Document Vol I	14.1	<p>Phase 1 – Construction Phase will take off from 1st months onwards and will be up to 6 months</p> <p>.Phase 3 – Operation of Assets created and it is of 60 months</p>	<p>Phase 1 – Construction Phase will take off from 1st months onwards and will be up to 9 months</p> <p>.Phase 2 – Operation of Assets created and it is of 60 months</p>
6.	Section 6 Bid Document Vol I	14.2		Figure 2.1.1 Schematization of Project Implementation Replaced with Annexure 4A
7.	Section 6 Bid document Vol I	15.3	<p><input type="checkbox"/> Section 1 shall be completed within 6 months from the Commencement Date;</p>	<p><input type="checkbox"/> Section 1 shall be completed within 3 months from the Commencement Date;</p>
8.	Section 6	15.5	The Construction Completion Date shall be the date 5 months	The Construction Completion Date shall be the date 8 months from

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	Bid Document Vol I		from the Commencement Date when all Works shall be finalized with the following provisions: <input type="checkbox"/> Section 2 shall be completed within 5 months from the Commencement Date; <input type="checkbox"/> Section 3 shall be completed within 5 months from the Commencement Date; <input type="checkbox"/> Section 4 shall be completed within 6 months from the Commencement Date;	the Commencement Date when all Works shall be finalized with the following provisions: <input type="checkbox"/> Section 2 shall be completed within 6 months from the Commencement Date; <input type="checkbox"/> Section 3 shall be completed within 8 months from the Commencement Date; <input type="checkbox"/> Section 4 shall be completed within 9 months from the Commencement Date;
9.	Section 6 Bid Document Vol I	15.6	The Operations Commencement Date shall be the date 7th month from the Commencement Date, from which date the Contractor shall be responsible for operations and maintenance of the entire water supply system;	The Operations Commencement Date shall be 10th month from the Commencement Date, from which date the Contractor shall be responsible for operations and maintenance of the entire water supply system;
10.	Section 6 Bid Document Vol I	15.7	The Contract Completion Date shall be 66 months from the Commencement Date.	The Contract Completion Date shall be 69 months from the Commencement Date.
11.	Section 6 Bid Document Vol I	2.1.3 Contract Stone Mile		Existing tables shall be replaced with the table given in Annexure 4
12.	Section 6 Bid Document Vol I	41	<input type="checkbox"/> Time limit for completion of works : 05 months including trail run and	<input type="checkbox"/> Time limit for completion of works : 09 months including trail run and commissioning
13.	Section 6 Bid Document Vol I	198	<input type="checkbox"/> Total time limit for completion of design-build works -6 months <input type="checkbox"/> Time limit for completion of works - 5months	<input type="checkbox"/> Total time limit for completion of design-build works -9 months <input type="checkbox"/> Time limit for completion of works – 8 months
14.	Section 8 Bid Document	1.1.3.3 Time for	Time for Completion of all Works and Services under the Contract, calculated from the Commencement Date, is 66 months,	Time for Completion of all Works and Services under the Contract, calculated from the Commencement Date, is 69 months,

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	Vol I	completion	with Time for Completion of different parts/sections as follows: Part 1: Works – 06 months Section 1 – 5 months Section 2 – 5 months Section 3 – 5 months Section 4 – 1 months Part 2: Operations – 60 months Section 5- 60 months Section 6 – 60 months Section 7 – 60 months	with Time for Completion of different parts/sections as follows: Part 1: Works – 09 months Section 1 – 3 months Section 2 – 6 months Section 3 – 8 months Section 4 – 1 months Part 2: Operations – 60 months Section 6- 60 months Section 6 – 60 months Section 7 – 60 months
15.	Section 8 Bid Document Vol I	Summary of section of works		

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Section Name/Description (Subclause 1.1.5.6)	Time for Completion (Subclause 1.1.3.3)	Damages for Delay (Subclause 8.7)	Section Name/Description (Subclause 1.1.5.6)	Time for Completion (Subclause 1.1.3.3)	Damages for Delay (Subclause 8.7)
Section 1: Creation of Surface water source for emergency	5 month	0.05% of the Contract Price pertaining to each Section per day, in the currencies and proportions in which the Contract Price is payable.	Section 1: Creation of Surface water source for emergency	3 month	0.05% of the Contract Price pertaining to each Section per day, in the currencies and proportions in which the Contract Price is payable.
Section 2: Completion of Civil works of refurbishment of three WTPs.	5 month		Section 2: Completion of Civil works of refurbishment of three WTPs.	6 month	
Section 3: Completion of Electrical and Mechanical Equipment and Instrumentation Equipment for three WTPS	5 month		Section 3: Completion of Electrical and Mechanical Equipment and Instrumentation Equipment for three WTPS	8 month	
Section 4: Trial Run and commissioning	1 month		Section 4: Trial Run and commissioning	1 month	
Section 5: Operation of Emergency intake works and conveyance of water up to the WT	60 month		Section 5: Operation of Emergency intake works and conveyance of water up to the WT	60 month	
Section 6: Operation of the existing renovated Three WTPS and conveyance of treated water to Reservoirs.	60 month		Section 6: Operation of the existing renovated Three WTPS and conveyance of treated water to Reservoirs.	60 month	
Section 7: Training.	60 months		Section 7: Training.	60 month	

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Annexure – 4

BWSP 01- 04

Contract Mile Stone

S No	Components	Total Qty to be executed	1 <sup>st</sup> Quarter Milestone	Cumulative 2 <sup>nd</sup> Quarter milestone	Cumulative 3 <sup>rd</sup> Quarter milestone	Remarks
1	Mobilization, QAP Submission, Approvals etc		100%			
2	Refurbishment of existing WTPs	3Nos	3Nos			
3	Flash Mixer	6 Nos	6 Nos			
4	Alum Dosing units	6 Nos	6 Nos			
5	Lime Dosing units	6 Nos	6 Nos			
6	Chlorination Buildings	3 Nos	3 Nos			
7	Chlorination arrangements for all 3 WTPs ( Pre and Post chlorination)	1 Nos	1 Nos			
8	Customer service center	2 Nos	1 No-	2 Nos		
9	Sludge Drying bed	1 No	1 No			
10	Mechanical equipment for WTPs	1 Set	25%	75%	100%	
11	Electrical Equipment for WTP	1 Set	25%	75%	100%	
12	Emergency intake works	1 No	1 No			
13	Electro Mechanical for new intake at DPS school	1 Set	25%	75%	100%	
14	Pumping main	7.20 KM				
14.1	Supply	7.20 km	3.20 km	7.2 km		
14.2	Laying and jointing	7.20 km	3.2 km	7.20 km		
14.3	Testing	7.20 km	3.2 km	7.20 km		
14.4	Road restoration	7.20 km	3.2 km	7.20 km		
15	Commissioning of Emergency intake , Pumping main	100%			100%	
16	Final approval of the works executed				100%	
17	Trial Run and commissioning of the project				100%	

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