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.	BH/WS/01 - Package 01 Balance works of Three OHSRs Zone of Water Supply System in Bhagalpur Municipal Corporation (BWSP01- Package 01)
2.	BH/WS/01 - Package 02 Balance works of Ten OHSRs Zone of Water Supply System in Bhagalpur Municipal Corporation (BWSP01 – Package 02)
3.	BH/WS/01 - Package 03 Balance works of Ten OHSRs Zones of Water Supply System in Bhagalpur Municipal Corporation (BWSP01 – Package 03)
4.	BH/WS/01 - Package 04 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.	BDS ITB 7.4 Vol I of Bid Document	A Pre-Bid meeting will take place at the Conference Hall of BUIDCo at 11:00 Hrs on 20th 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 12th May 2020, once the Lockdown is over. Please consider and confirm.	
2.	BDS ITB 7.4 Vol I of Bid Document	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 " "	BÚIDCo'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 11th 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:not subject to price adjustment.	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.No 8,11,13,14,15,16,17 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 No. 1
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: M/s PAN India Infraprojects Pvt Ltd, India & Ranhill Utilities Sdn Bhd, Malasiya (JV)







	SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
	N, IA	4 Build a Professor I and the Carlotte of the	BH/WS/01-PACKAGE 02		
	7. / may 10. / m	Section -3, EQC 2.4.2 2. Vol I Bid Document	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
the principality of the principal to Supersonar Supersonar Albert annual of the Albert annual	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
Total Broom	9.	and the Egade of 4 Auser on Sin land. Los control vicus to 1, after Charles veren, enhancement to early distillers like as early distillers and likeling claiming	sees ordine to made with lumited on structure or sees of the constraint of the const	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 25th 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.
. 17 soje s 1 soje s 1 soje 13 soje s 1 soje 120 s	10.	Charles of the State of the Sta	r skurring og skirning og spillingen og skir Understorer i 1 og 5 i skirning i 1971 forskir Buktor og kristinger og skirning i 1971 forskir 1887 og 18 mortinger og skirning i 1987 forskir	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, o 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
dit protests 22 october aid stotsen EE synchri	er, eg Sept. to sept. to de er, eg tre, eg	CALME TO A L CHARLE GOOD AND AND AND AND AND AND AND AND AND AN	ata hasi trockli oʻrga te argigist koplisatiosi.	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 15 of Addendum No. 1 4.For BH/WS/01 Package 04 Refer S.No 5,810,12,,13, and 14 of Addendum No1
Ur agesten aki urushmusa SA kyardes aki miphabata	11. of 16 of 16 of 16 of A 5	lon of rankins (Co. OH.W.) set Clarker those (Co. OH.W.) set lost and projection of the contract of the cont	ndiminate sell in icropione y kippine searer in e to establication spiereses establication is the well greaterned from a fact that there is est it carriers across the perfection tolliness element absence belief on configuration to	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 owork. However the drawing available in PIU, Bhagalpur office and the bidders can visit the Bhagalpur office and can see the drawings.
1	12.	jost od america sięj i listo JVI 3.5 se securi 25 pagonos	men dis requirement. Place confirm Also, we enlanged the Girls alte	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.
1	13.	Lister Lis	i the country secondanties were pro-	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 th June-2020, whichever is later.	For BH/WS/01 Package 04 Refer S.No 1 of Addendum No1
1	14.	el vontamen acción concisc end é las fr casant aux cons as un contiama activa	S. Comment of the state of the	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.
1	15.	Light Street, Barth for Light solar the interior Asso Burth Rep (1981) Line any work though the	ald grafiston were removed profit and the second flurales.	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.
500 2000	16.	Section 3: Evaluation a Qualification Criteria; Clause 2.4.2: Construction a Operation Experience in K		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 No 1
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 Sough	t distribution of the second	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 4For BH/WS 01 package 04 Refer S.No. 4 of Addendum No. 1
20.	Vol I of Bid Document		Please provide the list in case of specialized	st of documents to be submitted 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		would request you to completed and com	ublished in 13 th April 2020, we consider price level of cost of missioned works the previosu given weightage of 10% per	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
		The second secon	Financial year	Weightage	3.For BH/WS 01 package 03 Refer S.No. 4 of Addendum No. 1
			2019-2020	1.00	4.For BH/WS/01 Package 04
			2018-2019	1.10	Refer S.No 3 of Addendum No1
			2017-2018	1.21	Continue of the Continue of th
			2016-2017	1.33	
			2015-2016	1.46	1 2 2
			2014-2015	1.61	
	early service as a		2013-2014	1.77	
22.	Vol I of Bid Document Section 3 Eligibility criteria Clause 2.4.2 Note S.No		Supply, erection and having either duty of and above or 18 kw 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	





	SN	Clause Ref No	Existing Clause	Clarification Sought	BUIDCo's Reponses
		Since the state of	Property Control of the Control of t	All the Accept to Self and the	4For 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	We consider the latest of State (345-21) and latest of State (345-21) and latest of State (345-41) and latest of State (445-41) and latest of State (445-41) and statest of State (445-41) and statest of State (445-41) and statest of	In the package 1,2 and 3 capacity of OHSR limited. So our request is kindly consider construciton & 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
en sparing lave Emprespropriet In sparings to the sparings Vi 18 - turbus 20 c	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 5,810,12,13, and 14 of Addendum No1
Colone To City	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 1 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 Reponses
	o same nesse i CWARS sont in a proposition to re	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.	I to Woo Use Co
27.	Eligibility cl.2.4.2_SN 03 (Pipeline) Vol I of Bid Document	ents Vistal is his portrete of 1	We request you to kindly allow Metallic Pipeline (MS/DI) for length of 5km.	Refer S.No 4 of Addendum – 01 for BH/WS/01 - Package 04.
28.	Eligibility 2.3.2 (Average Annual Construction Turnover) Vol I of Bid Document	ed rests arealies and T) among moreon	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	his The anappiesh of graphs of White mean to distribution ma and chart which system Major and incommental to Comme	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 prevai, since the package 04 is having the components of WTP renovation and experince 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 establised & 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	Refer S.No 4 of Addendum – 01 for BH/WS/01 - Package 04.
31.	Vol I Bid Document	s vital av samental i gridd i ve marking box depole (G. 1871) of k sitt tens manifagas ybranig i fi	250mm and above. 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.





BH/WS/01 - Package 02: 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		18.5.2020 12.00 Noon 18.5.2020 Immediately after the dead line for	Bid Submission Date Bid opening Date – 2	27.5.2020 3.00 PM 7.5.2020 3.30 PM	
2.	Section 3 Bid Document Vol I	2.3.2 Average Annual Turn over	million (or USD 24	annual construction turnover of INR 1562 1.031 million) calculated as total certified or contracts in progress or completed, within	million (or USD 1	annual construction turn 6.02 million) calculated or contracts in progress o	as total certified
3.	Section 3 Bid Document Vol I	2.3.3 Financial Resources	the Bidder must dem assetsa, lines of cred any contractual adva	3 and FIN - 4 in Section 4 (Bidding Forms), constrate access to, or availability of, liquid dit, or other financial resources (other than nce payments) to meet the Bidder's financial ant indicated in Form FIN-4.of INR 196 54 million	the Bidder must den assetsa, lines of credi contractual advance	3 and FIN - 4 in Section nonstrate access to, or avit, or other financial resour payments) to meet the it indicated in Form FIN-4	railability of, liquid rces (other than any Bidder's financial
4.	Section 3 Bid Document Vol I	Section 3 2.4.1 Contract of Similar Nature and size Note 1 2 3. For present price level of cost of completed and		Note I No Change 2. No change 3 For present price le	evel of cost of completed ar ears' value shall be given t		
					Financial year	Weightage	
		po se servição do el mi	Financial year	Weightage	2019-2020	1.00	
			2018-2019	1.00	2018-2019	1.10	
		er of while	2017-2018	1.10	2017-2018	1.21	









		***	2016-2017	1.21	2016-2017	1.33
			2015-2016	1.33	2015-2016	1.46
			2014-2015	1.46	2014-2015	1.61
			2013-2014	1.61	2013-2014	1.77
100			2012-2013	1.77		
100			was to Auto			
5.	Section 3 and Section 4 Bid Document Vol I	2.4.2 Item 4 and 7	criteria can be met by Subcontractor) 2. Construction of purithin the last seven or by the Specialist S 3. Supply, erection a pumps having a duty last seven years. (This Specialist Subcontract 4. Construction and creservoirs of 1 ML within last seven years by the Specialist Substance	nd commissioning of LT of 100 m3/hr x 65 m and above – 10 Nos is criteria can be met by the Bidder or by t ctor) commissioning of at least 5 over head ser to 2.50 ML capacity under a single con urs. (This criteria can be met by the Bidde	seven years. (This construction of possible to specialist Subcontration of possible to subcontractor) a. Construction of possible to subcontractor of possible to subcontractor) a. Supply, erection and pumps having a duty 18 KW and above—years. (This criteria Subcontractor) 4. Construction and reservoirs of 0.50 M contracts within last Bidder or by the Specialist Subcontracts within last Bidder or by the Specialist Subcontractor of the subcontractor of the subcontractor of minimum 5000 N	ump house 5 Nos, under a single contracts, years. (This criteria can be met by the Bid
6.	Section 6	14.1		on Phase will take off from 1stmonths		on Phase will take off from 1stmonths
	I I		onwards and will be	up to 12 months	onwards and will be	up to 18 months





7.	Section 6	14.2		Figure 2.1.1 Schematization of Project Implementation Replaced with Annexure 2A
8.	Section 6	15.3	☐ Section 1 shall be completed within 6 months from the Commencement Date;	☐ Section 1 shall be completed within 9 months from the Commencement Date;
9.	Section 6	15.5	The Construction Completion Date shall be the date 12 months from the Commencement Date when all Works shall be finalized with the following provisions: Section 2 shall be completed within 10 months from the Commencement Date; Section 3 shall be completed within 11 months from the Commencement Date; Section 4 shall be completed within 11months from the Commencement Date; Section 5 shall be completed within 12months from the commencement date Trial run shall be completed within 12 months from the commencement Date.	The Construction Completion Date shall be the date 18 months from the Commencement Date when all Works shall be finalized with the following provisions: Section 2 shall be completed within 16 months from the Commencement Date; Section 3 shall be completed within 17 months from the Commencement Date; Section 4 shall be completed within 17 months from the Commencement Date; Section 5 shall be completed within 18 months from the commencement date Trial run shall be completed within 18 months from the commencement Date.
10.	Section 6	15.6	The Operations Commencement Date shall be the date 13 th 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 19 th month from the Commencement Date, from which date the Contractor shall be responsible for operations and maintenance of the entire water supply system;
11.	Section 6	15.7	The Contract Completion Date shall be 72 months from the Commencement Date.	The Contract Completion Date shall be 78 months from the Commencement Date.
12.	Section 6	2.1.3 Contract Mile Stone		Existing tables shall be replaced with the table given in Annexure 2
13.		41	☐ Time limit for completion of works : 11 months including trail run and	☐ Time limit for completion of works : 18 months including trail run and commissioning
14.		165	☐ Total time limit for completion of design-build works -12 months ☐ Time limit for completion of works - 11 months	☐ Total time limit for completion of design-build works -18 months ☐ Time limit for completion of works - 17 months
15.	Section 8	1.1.3.3	Time for Completion of all Works and	Time for Completion of all Works and
			A	A CONTRACTOR OF THE CONTRACTOR

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		Time for	Services under the Contract, carculated from	Services under the Contract, calculated from
		completion	the Commencement Date, is 72 months,	the Commencement Date, is 78 months,
			with Time for Completion of different	with Time for Completion of different
			parts/sections as follows:	parts/sections as follows:
			Part 1: Works – 12 months	Part 1: Works – 18 months
	I constitution to		Section 1 – 6 months	Section 1 – 9 months
			Section 2 – 10 months	Section 2 – 18 months
			Section 3 – 11 months	Section 3 – 18 months
		and the same of the same of	Section 4 – 11 months	Section 4 – 18 months
	or the property		Section 5- 12 months	Section 5- 18 months
		A Things & Block K.	Part 2: Operations – 60 months	Part 2: Operations – 60 months
			Section 6- 60 months	Section 6- 60 months
6.	Section 8	Summary of section of works	Tank president in the second of the second s	





Section Name/Description (Subclause 1.1.5.6	Time for Completio n (Subclause 1.1.3.3)	Damages for Delay (Subclause 8.7)	Section Name/Description (Subclause 1.1.5.6	Time for Completio n (Subclause 1.1.3.3)	Damages for Delay (Subclause 8.7)
Section 1:: Creation of Tube well source., construction of pump house and laying of pumping main to OHSRs	6 month	0.05% of the Contract Price pertaining to	Section 1:: Creation of Tube well source., construction of pump house and laying of pumping main to OHSRs	9 month	0.05% of the Contract Price pertaining to
Section 2: Completion of partially constructed three OHSRs,	10 month	each Section per day, in the	Section 2: Completion of partially constructed three OHSRs, New OHSRS 5 Nos	18 month	each Section per day, in the
Section 3: Laying of Distribution Networks	11 month	currencies and proportions in which	and refrubishement of 2 OHSRs Section 3: Laying of Distribution	15 month	currencies and proportions in which
Section 4: Testing & Commissioning of previously laid distribution network and road restoration of previously laid reaches	11 month	the Contract Price is payable.	Networks Section 4: Testing & Commissioning of previously laid distribution network and road restoration of previously	18 month	the Contract Price is payable.
Section5: Supply and installation testing and commissioning of Electro Mechanical Equipment	12 month		laid reaches Section5: Supply and installation testing and commissioning of Electro Mechanical	18 month	
Section 6: Operation of Tube well source and three OHSRs, pump rooms, & Distribution system newly laid and previously laid.	60 month		Equipment Section 6: Operation of Tube well source and ten OHSRs, pump rooms, & Distribution system newly laid and previously laid.	60 month	

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Annexure 2

BWSP 01-02

CONTRACT MILE STONE

S.No	Component	Total qty to be executed	Ist Quarter mile stone	Cumulative IInd Quarter Mile stone	Cumulative IIIrd Quarter	Cumulative IVth quarter	Cumulative Vth quarter	Cumulative VIth quarter	Remark
1	Mobilization, QAP submission and approvals etc		100%	wine stone	Mile stone	mile stone	mile stone	mile stone	
2	Tube well	10 Nos	5 Nos	10 Nos				<u> </u>	
3	Pump House	10 Nos	5 Nos	10 Nos					
4	Rising main	2500 m	1250 m	2500 m					
5	Pumpset with panel board	10 Nos	5 Nos	10 Nos					
6	Construction of partially completed OHTs	3 Nos	1 Nos	3 Nos	3				*
7.	Construction of new OHTs	5 Nos	2 Nos each 50%	2 Nos -100 %	2 Nos -100% 2 No -50%	4 Nos -100%	4 Nos -100% 1 No -50%	5 Nos -100%	
8	Refurbishment of existing OHSR	2 Nos	1 No- 50%	1 No – 100%	1 No – 100% 1 No – 50%	2 Nos -100%			
9	Distribution network								
	D l-pipe	153.51 km							
9a.	supply	153.51 km	30 km	60 km	90 km	120km	150 km	153.51 km	
9b.	Laying and Jointing	153.51 km	30 km	60 km	90 km	120 km	150 km	153.51 km	
9c.	Testing	153.51 km	30 km	60 km	90 km	120 km	150 km	153.51 km	
9d.	Road restoration	153.51 km		30 km	60 km	90 km	120 km	153.51 km	
10	Already laid by the previous contractor	37.09 km			-			100.01 Kill	
10.a.	To be tested	19.87 km	15 km	19.87 km					
10.b.	Road restoration	35.96 km	30 km	35.96 km					









S.No	Component	Total qty to be executed	Ist Quarter mile stone	Cumulative IInd Quarter Mile stone	Cumulative IIIrd Quarter Mile stone	Cumulative IVth quarter mile stone	Cumulative Vth quarter mile stone	Cumulative VIth quarter mile stone	Remark
10.c.	To be commissioned	37.09				mine stone	Inne stone	37.09 km	
11	New HSC connections	29244 Nos							
11.a	Supply MDPE pipes and other materials, Water Meter, Water Meter Box.	29244 Nos	5,000 Nos	10,000 Nos	15,000 Nos	20,000 Nos	25,000 Nos	29,244 Nos	
11.b.	Supply of Ball valve. Water Meter, Water Meter Box.	29244 Nos					29244 Nos		
11.c.	HSC connection without ball valve, Water Meter, Water Meter Box.	29244 Nos	5,000 Nos	10,000 Nos	15,000 Nos	20,000 Nos	25,000 Nos	29,244 Nos	v
11.d.	Ball valve connection, Water Meter, Water Meter Box.	29244 Nos					15,000 Nos	29,244 Nos	
11.e.	Commissioning	29244 Nos						29,244 Nos	
12	Existing HSC	879 Nos						29,244 INUS	
12.a.	Supply of ball Valve, Water Meter, Water Meter Box.	879 Nos					879 Nos		
12.b.	Ball valve connection Water Meter, Water Meter Box.		,				500 Nos	879 Nos	
12.c.	Commissioning of HSC		•					879 Nos	

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20%



S.No	Component	Total qty to be executed	Ist Quarter mile stone	Cumulative IInd Quarter	Cumulative IIIrd Quarter	Cumulative IVth quarter	Cumulative Vth quarter	Cumulative VIth quarter	Remark
				Mile stone	Mile stone	mile stone	mile stone	mile stone	
13	Monitoring stations	19 Nos	3 Nos	6 Nos	9 Nos	12 Nos	15 Nos	19 Nos	
14	Stand Posts	80 Nos					40 Nos	80 Nos	
15	Final approval of works executed							100%	
16	Trial Run Commissioning of the project						9	100%	



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						18	/PLF	ME	NTA	TIOI	N SC	HEI	DULI	F FC		URE		PER	RIOD	FOF	R BW	/SP	01- F	PACI	KAG	E 02							-			
	Duration in Months	1 :	3 4	5 6	7 8								1 1	1 1	 т т	 T :	TT	1.1		1	TI	1 1	TT	T	T	1	57 58	59 60	61 62	63 64	65 66	67 68 6	9 70 7	72 73	74 75	76 77 7
Award of work																																				
Creation of Tube well Source	6														\Box																					
Construction of Pump House	6																																			
Laying of Rising main	6																																			
Completion of partially completed OHSRs	6																																			
Laying of Distribution network	18																																			
Testing of already laid Distribution network and Road restoration works	6																																			
House Service Connections	18									100																										
Public stand post	6								15 11																											
Monitoring stations	18				300																															
Trail and commissioning	1	H																																		
Operation & maintenance	60		\top									30-61																	1							

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