Addendum-2

щ	S.No	Ref NIT No.	Name of Work
4.5 A. (c).	Clause No		/ork
Pump Manufacture Must have following Experience in storm water pumps in last 5 years. Documentary prof of supply shall be submitted along with bid: Experience of manufacturing and supplying pumps with a total combined capacity of supply shall be submitted along with bid: Experience of manufacturing and supplying pumps with a total combined capacity of supply shall be submitted along with bid: Annual Turn-Over should not be less than Rs. 200 Cr in any of last 5 years. Alf financial documents shall be certified by Chartered Accountant. Should have manufactured. Supplied VT pump of discharge capacity not less than Rs. 200 Cr in last 5 years. Alf financial documents shall be errified by Chartered Accountant. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Alf financial documents shall be errified by Chartered Accountant. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 years. Annual Turn-Over should not be less than Rs. 200 Cr in last 5 year	As per Bid condition To be read as	BUIDCo/Yo-1875/20 (Part-2)-33, Date-27.10.2021	Construction, Erection, Supply, Installation, Testing and Commissioning for Storm Water Drainage Pumping Station 08 (Eight) in Khagaul Danapur near Hitech Hospital, Ghurdaur Nehru Path, Isopur Bramha Ashthan, Karori Chak, Beur Betaura Pul, Canal DPS, Digha (Near Old Thana) & Rajiv Nagar at Patna, Bihar. (Group-I)
torm water pumps in last 5 years bid: with a total combined capacity o any one year during last 5 years. ccountant. harge capacity not less than 9000 ter project. ia. ISO 45001 & ISO 50001 Certified in India with from in-house partments / corporations/ Govt paximum combination of 3 pumps ting and commissioning of 1 no ring last Seven years (i.e. 2014-15)			near Hitech Hospital, Ghurdaur
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S.No	Clause No	As per Bid condition	To be read as
2	PART D ELECRTO MECHANICAL WORKS		Type and rating. The pump shall be of vertical shaft, single stage suitable for direct coupling to motor of suitable capacity with 10% over load rating. The direction of rotation shall be anti-suitable capacity with 10% over load rating. The direction of rotation shall be anti-suitable capacity with 10% over load rating. The direction of rotation shall be clockwise clockwise when viewed from top. Each pump shall be so designed and constructed that all when viewed from top. Each pump shall be so designed and constructed that all when viewed from top. Each pump shall be apparatus etc., can parts including runner, shaft, guide bearing, shaft seal, guide apparatus etc., can parts including runner, shaft, guide bearing, shaft seal, guide apparatus etc., can parts including runner, shaft, guide bearing, shaft seal, guide apparatus etc., can parts including runner, shaft to repair/replace pump shaft seal without de-removed. It shall be possible to repair/replace pump shaft seal shall be provided. Draft tube, for which purpose additional repair seal shall be provided.
ю	2.1.2. GENERAL ARRANGEME NT OF PUMP:		Vertical-shaft driving motors shall be mounted on the discharge head above the discharge Vertical-shaft driving motors shall be mounted on the discharge head above the discharge bend. Unless otherwise specified or approved, they shall be of the solid shaft type, fitted bend. Unless otherwise specified or approved, they shall be of the solid shaft type, fitted with an axially-adjustable thrust bearing designed to carry the combined weight of pump and motor rotating parts, the drive shaft with couplings, and hydraulic loadings.
4	8. Test Trial and operation	After commissioning and testing, there will be six months trial run and thereafter five years for operation and maintenance of the plant. 8. Test Trial personnel full time to operate, maintain and repair the equipment. The personnel so deputed shall maintain log books and other records as directed by the Engineer In charge. During this period the owner's personnel shall continuously work with Contractor's personnel to take full continuously work with contractor's personnel plant. After commissioning and testing, there will be six months trial run. During trial run period, and repair the contractor shall depute his personnel full time to the contractor shall depute his personnel shall continuously work with Contractor's personnel to take full responsibility of operating, maintaining, repairing, etc. of the equipment plant.	After commissioning and testing, there will be six months trial run and thereafter five years for operation and maintenance of the plant. After commissioning and testing, there will be six months trial run. During trial run period, the contractor shall depute his personnel full time to the contractor shall maintain and repair the equipment. The personnel so deputed shall maintain log equipment. The personnel so deputed shall maintain log books and other records as books and other records as directed by the Engineer In charge. During this period the directed by the Engineer In charge. During this period the directed by the Engineer In charge. During this period the operating, maintaining, repairing, etc. of the equipment plant.

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Addendum-2

N	Þ	S.No	Ref NIT No	Name of Work
PART D ELECRTO MECHANICAL WORKS	4.5 A. (c).	Clause No		Vork
Type and rating. I. The pump shall be of vertical shaft, single stage suitable for direct coupling to motor of suitable capacity with 10% over load rating. I. The pump shall be of vertical shaft, single stage suitable for direct coupling to motor of suitable capacity with 10% over load rating. The direction of rotation shall be anticlockwise when viewed from top. Each pump shall be so designed and constructed that all when viewed from top. Each pump shaft seal, guide bearing, shaft seal, guide apparatus etc., can be easily removed. It shall be possible to repair/replace pump shaft seal without devantering the Draft tube, for which purpose additional repair seal shall be provided. PUMP -MOTOR: Type and rating. Type and rating. I. The pump shall be of vertical shaft, single stage suitable for direct coupling to motor of l. The pump shaft switable capacity with 10% over load rating. The direction of rotation shall be clockwise when viewed from top. Each pump shaft seal without devantering the parts including runner, shaft, guide apparatus etc., can be easily the parts including runner, shaft seal, guide apparatus etc., can be easily the parts including runner, shaft seal without devantering the parts including runner, shaft seal without devantering the parts including runner, shaft seal, guide apparatus etc., can be easily the parts including runner, shaft seal without devantering the parts including runner, shaft, guide bearing, shaft seal without devantering the parts including runner, shaft, guide apparatus etc., can be easily the parts including runner, shaft, guide apparatus etc., can be easily the parts including runner, shaft seal, guide apparatus etc., can be easily the parts including runner, shaft, guide apparatus etc., can be easily the parts including runner, shaft seal, guide apparatus etc., can be easily the parts including runner, shaft seal, guide apparatus etc., can be easily the parts including runner, shaft, guide apparatus etc., can be easily the parts including runner, shaft, guide appar	storm water pump in last 5 years. th bid: with a total combined capacity of any of last 5 years. Accountant. Accountant. Charge capacity not less than 9000 ater project. dia. 1, ISO 45001 & ISO 50001 Certified ne in India with from in-house epartments / corporations/ Govt. esting and commissioning of pump maximum combination of 3 pumps sting and commissioning of 1 no uring last Seven years (i.e. 2014-15)	As per Bid condition	BUIDCo/Yo-1875/20 (Part-2)-33, Date-27.10.2021	Construction, Erection, Supply, Installation, Testing and Commissioning for Storm Water Draina Rampur, Bakri Bazar, TV Tower, Nandlal Chhapra & Dasaratha at Patna, Bihar. (Group-II)
PUMP -MOTOR: Type and rating. Type and rating. Type and rating. The direction of rotation shall be antisuitable capacity with 10% over load rating. The direction of rotation shall be clockwise all be so designed and constructed that all when viewed from top. Each pump shall be so designed and constructed that all removable earing, shaft seal, guide apparatus etc., can parts including runner, shaft, guide bearing, shaft seal, guide apparatus etc., can be easily pair/replace pump shaft seal without deremoved. It shall be possible to repair/replace pump shaft seal without deremovatering the braft tube, for which purpose additional repair seal shall be provided. Draft tube, for which purpose additional repair seal shall be provided.	Pump Manufacture Must have following Experience in storm water pump in last 5 years. Documentary prof of supply shall be submitted along with bid: of Experience of manufacturing and supplying pumps with a total combined capacity of 25000 cum/hr. for a single project. Annual Turn-Over should not be less than Rs. 500 Cr in any one year during last 5 years. Average Net –worth should not be less than Rs. 200 Cr in last 5 years. All financial documents shall be certified by Chartered Accountant. Should have manufactured, Supplied VT pump of discharge capacity not less than 9000 cum/hr. per pump with diesel engine driven for storm water project. The pump sets should be originally manufactured in India. Pump manufacturer should be an ISO 9001, ISO 14001, ISO 45001 & ISO 50001 Certified organization. The pumps Manufactured and supplied shall be done in India with from in-house organizations. Pump Manufacture Not blacklisted in any Govt. departments / corporations/ Govt. Pump Manufacturen Not blacklisted in any Govt. departments / corporations/ Govt. undertaking organizations. Pump Bidder must have experience of Supply, installation, testing and commissioning of pumps motor of capacity minimum 390 KW collectively from a maximum combination of 3 pumps during last Seven years (i.e. 2014-15 to 2020-21). And Bidder must have experience of Supply, installation, testing and commissioning of 1 no 2020-21).	To be read to		r Drainage Pumping Station 08 (Eight) in Congress Maidan, RK Avenue, Saidapur NCC,

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As per Bid condition To be read as	Vertical-shaft driving motors shall be mounted on the discharge head above the discharge Vertical-shaft driving motors shall be mounted on the discharge head above the discharge bend. Unless otherwise specified or approved, they shall be of the hollow shaft type, fitted bend. Unless otherwise specified or approved, they shall be of the solid shaft type, fitted with an axially-adjustable thrust bearing designed to carry the combined weight of pump and motor rotating parts, the drive shaft with couplings, and hydraulic loadings.	After commissioning and testing, there will be six months trial run and thereafter five years for operation and maintenance of the plant. 8. Test Trial During trial run and O & M period, the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel full time to the contractor shall depute his personnel to the contractor shall continuously work with Contractor's personnel to take full responsibility of operating, maintaining, repairing, repairing, etc. of the equipment plant.
	Vertical-shaft dri bend. Unless oth with an axially-a and motor rotatii	After commissio for operation an During trial run operate, maintai books and othe owner's person responsibility of
Clause No	2.1.2. GENERAL ARRANGEME NT OF PUMP:	8. Test Trial and operation
S.No	3	4

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Addendum-2

Name of Work	Construction, Erection, Supply, Installation, Testing and Commissioning for Storm Water Drainage Pumping Station 06 (Six) in Sandalpur, RMRI, Big Hospital, Premkunj (Karmalichak), Khanpura & Barmutta at Patna, Bihar. (Group-III)	
Ref NIT No.	BUIDCo/Yo-1875/20 (Part-2)-33, Date-27.10.2021	
S.No Clause No	No As per Bid condition To be read as	
1 4.5 A. (c).	Pump Manufacture Must have following Experience in storm water pump in last 5 years. Experience of manufacturing and supplying pumps with a total combined capacity of supply shall be submitted along with bid: Experience of manufacturing and supplying pumps with a total combined capacity of supply shall be submitted along with bid: Annual Turn-Over should not be less than Rs. 200 Cr in any of last 5 years. All financial documents shall be certified by Chartered Accountant. Should have manufactured, Supplied VT pump of discharge capacity of Schould have manufactured, Supplied VT pump of discharge capacity of Schould have manufactured. Supplied VT pump of discharge capacity of Schould have manufactured. Supplied VT pump of discharge capacity of Schould have manufactured. Supplied VT pump of discharge capacity of Schould have manufactured. Supplied VT pump of discharge capacity of Schould have manufactured shall be certified by Chartered Accountant. The pump sets should be originally manufactured in India. Pump manufactures should be an ISO 9001, ISO 14001, ISO 45001 & ISO 50001 Certified Pump manufactured and supplied shall be done in India with from in-house Pumps with diesel engine driven for storm water project. Pump Manufactured and supplied shall be done in India with from in-house Pump manufacturer should be an ISO 9001, ISO 14001, ISO 45001 & ISO 50001 Certified Pump manufacturer should be an ISO 9001, ISO 14001, ISO 45001 & ISO 50001 Certified Pump Manufacture Not blacklisted in any Govt. departments / corporations. Bidder must have experience of Supply, installation, testing and commissioning of pump labeled capacity of 543 cum/hr during last Seven years (i.e. 2014-15 to 2020-21). And Bidder must have experience of Supply, installation, testing and commissioning of 1 no Bidder must have experience of Supply, installation, testing and commissioning of 1 no Bidder must have experience of Supply, installation, testing and commissioning of 1 no Bidder must have experience of Supply, installation, te	5 years. pacity of pacity of years. Years. Certified in-house in-house of pump 3 pumps 3 pumps of 1 no 2014-15





S.No	Clause No	As per Bid condition	To be read as
2	PART D ELECRTO MECHANICAL WORKS	PUMP -MOTOR: 1. Type and rating. 1. The pump shall be of vertical shaft, single stage surtable for direct c suitable capacity with 10% over load rating. The direction of rott clockwise when viewed from top. Each pump shall be so designed and removable parts including runner, shaft, guide bearing, shaft seal, guide be easily removed. It shall be possible to repair/replace pump shall watering the Draft tube, for which purpose additional repair seal shall b	PUMP -MOTOR: Type and rating. Oupling to motor of I. The pump shall be of vertical shaft, single stage suitable for direct coupling to motor of ation shall be anti-suitable capacity with 10% over load rating. The direction of rotation shall be clockwise constructed that all when viewed from top. Each pump shall be so designed and constructed that all removable apparatus etc., can parts including runner, shaft, guide bearing, shaft seal, guide apparatus etc., can be easily ft seal without de-removed. It shall be possible to repair/replace pump shaft seal without de-watering the Draft tube, for which purpose additional repair seal shall be provided.
3	2.1.2. GENERAL ARRANGEME NT OF PUMP:	Vertical-shaft driving motors shall be mounted on the discharge head above the discharge Vertical-shaft driving motors shall be mounted on the discharge head above the discharge bend. Unless otherwise specified or approved, they shall be of the hollow shaft type, fitted bend. Unless otherwise specified or approved, they shall be of the solid shaft type, fitted with an axially-adjustable thrust bearing designed to carry the combined weight of pump and motor rotating parts, the drive shaft with couplings, and hydraulic loadings.	Vertical-shaft driving motors shall be mounted on the discharge head above the discharge bend. Unless otherwise specified or approved, they shall be of the solid shaft type, fitted with an axially-adjustable thrust bearing designed to carry the combined weight of pump and motor rotating parts, the drive shaft with couplings, and hydraulic loadings.
4	8. Test Trial and operation	After commissioning and testing, there will be six months trial run and thereafter five years for operation and maintenance of the plant. 8. Test Trial portion and maintenance of the plant. 9. Test Trial portion and maintenance of the plant. 9. Test Trial portion and maintenance of the plant. 9. Test Trial portion and repair the equipment. The personnel full time to the contractor shall depute his personnel shall pooks and other records as directed by the Engineer In charge. During this period the personnel shall continuously work with Contractor's personnel to take full responsibility of operating, repairing, repairing, repairing, repairing, repairing, repairing, repairing, maintaining, repairing, repairing, representation and therefore the contractor of the equipment plant.	After commissioning and testing, there will be six months trial run. During trial run period, the contractor shall depute his personnel full time to operate, maintain and repair the equipment. The personnel so deputed shall maintain log books and other records as directed by the Engineer In charge. During this period the owner's personnel shall continuously work with Contractor's personnel to take full responsibility of operating, maintaining, repairing, etc. of the equipment plant.

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