

पत्रांक :- ..... 1661 ..... पटना / दिनांक :- ..... 28/6/25' .....

प्रेषक,

कार्यपालक अभियंता,  
लोक स्वास्थ्य प्रमण्डल, पटना पूर्व, पटना।

सेवा में,

Sri AJIT KUMAR SINGH,  
Vill. - Murhi, P.o. - Darigaon,  
P.s. - Sasaram  
Distt. - Rohtas (Bihar) - 821378

विषय :-

Design, Construction, Supply, Testing, Commissioning of Water Supply Schemes (WLS) with Electric Driven Pumps in Leftout Tola of PRD Panchayat Taken Over by Panchayati Raj Department in Patna District of Bihar on Turn-Key Basis with 3 Months Trial Run after Completion Period Under Mukhmantri Nishchay (Non-Quality Affected) Yojna Under P. H. Division, Patna East, Patna for the Year 2024-25. (Block :- **Patna Sadar** (1). Panchayat :- **Sonawan**, Habitation Ward No. - Mahammadpur Tola - 3, Ward No. - Khanpur - 8, Ward No. - Gyanchak - 9 & 10, Ward No. - Jivanchak - 11, (2). Panchayat :- **Sabalpur**, Habitation Ward No. - Sabalpur - 1, 6 & 8, (3). Panchayat :- **Punadih**, Habitation Ward No. - Punadih - 1, Ward No. - Nijampur - 3, Ward No. - Punadih - 4 & 5, (4). Panchayat :- **Nakta Diyara**, Habitation Ward No. - Nakta Diyara - 4, Ward No. - Naya Tola - 9 & 12, (5). Panchayat :- **Marchi**, Habitation Ward No. - Alichak - 5, Ward No. - Kothiya - 10, (6). Panchayat :- **Mahuli**, Habitation Ward No. - Mahuli - 4) कार्य करने हेतु कार्यादेश निर्गत करने के संबंध में।

महोदय,

उपरोक्त विषयांकित कार्य का आपके परक्रमित दर का अनुमोदन अनुमोदन प्रमण्डलीय निविदा समिति द्वारा किया जा चुका है। दर अनुमोदनोपरान्त आपके द्वारा जमानत की राशि जमा करते हुए एकरारनामा पर हस्ताक्षर कर दिया गया है। अतएव अद्योहस्ताक्षरी द्वारा एकरारनामा सम्पादित किया जाता है। कार्य का एकरारनामा संख्या - **SBD-02/2025-26** है एवं कुल राशि **रु०. 3,95,82,714.00** (तीन करोड़ पन्चानवें लाख बेरासी हजार सात सौ चौदह रुपये) मात्र है।

अतः आपको निदेशित किया जाता है कि सहायक अभियंता, लोक स्वास्थ्य अवर प्रमण्डल, विश्वविद्यालय से सम्पर्क कर उनके देख-रेख में एकरारनामा में निहित निदेश के आलोक में कार्य प्रारम्भ कर निर्धारित कार्यावधि अर्थात् 06 (छः) माह के अन्दर समाप्त करना सुनिश्चित करें।

अनु०. - एकरारनामा संख्या - **SBD-02/2025-26**

01 प्रति।

विश्वासभाजन

कार्यपालक अभियंता,

लोक स्वास्थ्य प्रमण्डल, पटना पूर्व, पटना।  
28/06/25  
28.6.25



**GOVT. OF BIHAR**

**PUBLIC HEALTH ENGINEERING DEPARTMENT**

**P. H. DIVISION, PATNA EAST, PATNA**

**Agreement for the Work :-** Design, Construction, Supply, Testing, Commissioning of Water Supply Schemes (WLS) with Electric Driven Pumps in Leftout Tola of PRD Panchayat taken over by Panchayati Raj Department in Patna District of Bihar on turn-key basis with 3 months Trial Run after Completion Period under Mukhmantri Nishchay (Non-Quality Affected) Yojna under P.H. Division, Patna East for the Year 2024-25.(Block:- Patna Sadar (1).Panchayat:- Sonawan, Habitation Ward No.3,8,9,10,11 (2).Panchayat:- Sabalpur, Habitation Ward No.1,6,8 (3). Panchayat:-Punadih, Habitation Ward No. 1,3,4,5 (4). Panchayat:- Nakta Diyara, Habitation Ward No. 4,9,12 (5). Panchayat:-Marchi, Habitation Ward No. 5,10 (6). Panchayat:-Mahuli, Habitation Ward No. 4).

**NAME OF AGENCY :-** Sri AJIT KUMAR SINGH,  
Vill. - Murhi, P.o. - Darigaon,  
P.s. - Sasaram  
Distt. - Rohtas (Bihar) – 821378  
ajitkumarsingh98010@gmail.com

**AGGREMENT NO. AND YEAR :-** SBD - 02...../2025-26

**TIME OF COMPLETION :-** 06 (SIX) MONTHS

**DATE OF WORK ORDER :-**

**AGREEMENT VALUE :-** Rs.3,95,82,714.50


**Rate Approved By Engineer in Chief (Work Management), P.H.E.D., Bihar, Patna Vide Letter No. – 857 Patna, Dated – 10.06.2025**

Particulars	Rate in Rs.	Qty.	Unit	Amount in Rs
ITEM WISE COST BREAKUP FOR				
1				
2	3	4	5	6

Executive Engineer  
P.H. Division, Patna East Patna Sl. No.

Ajit Kumar

SECTION - A : EXECUTION PART					
1	Cost for construction of 150 mm x 100 mm dia 125 m deep high yielding tube well having discharge 5 lps etc all complete as per direction of E/I. (In case of hilly areas depth may vary as per site condition, hydrology of the area and desired yield of the T-well) using U.P.V.C. Pipe & Strainer etc. all complete and as per direction of E/I.	Rs.4,71,500.00	18	Each	Rs.84,87,000.00
2	Constructing masonry Chamber 100x100x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for Tube Well, and RCC top slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size) , necessary excavation, foundation concrete 1:2:4(1 cement : 2 fine sand : 4 graded stone aggregate 20 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3coarse sand) 12 mm thick with 5% cico finished with a floating coat of neat cement, out side plastering with cement mortar 1:4 (1 cement : 4coarse sand) 12 mm thick complete as per standard specifications & direction of E/I.	Rs.15,000.00	18	Each	Rs.2,70,000.00
3	Supplying all materials and Laying of distribution network including placing of 10000 liters PVC tank as per the directions of Engineer in Charge including Earthwork in 30m wide and 1.1m deep trenches, Including crossing of ditches Road cutting and restoration and backfilling the trenches after layig of line, providing and laying HDPE pipe of 75 mm dia and 63 mm dia of (PE-PN10 rating) as per IS 4984/1995 and 50 mm and 40mm dia pipe (PE100-PN8 rating) as required including supplying all jointing materials etc. including all taxes, duties etc.-and incidental charges providing necessary thrust block where as required, construction of brick masonry chamber (60cm x 60cm x 75cm) for valves with cost of certification mark and fixing in trenches including the cost of fullway valves, earth work in back filling the trenches after laying of different types and sizes of pipe, fittings and valves with earth removed during excavation within initial lead and lift etc. including providing night guard, barrier and red light to safe guard against accident, testing of laid pipes etc. all complete job as per specification and direction of E/I.				

  
**Executive Engineer**  
 P.H. Division, Patna East Patna

Ajit Kumar Singh

	80 mm dia nominal bore from PVC tank to Distribution main	Rs.466.00	216.0	PM	Rs.1,00,656.00
	65 mm dia nominal bore used for washout and overflow from PVC Tank	Rs.455.00	72.0	PM	Rs.32,760.00
	50mm dia Pipe from T/well to PVC Tank	Rs.414.00	333.0	PM	Rs.1,37,862.00
	90mm PE 100-PN10	Rs.750.00	1818.0	PM	Rs.13,63,500.00
	75mm PE 100-PN10	Rs.726.00	3625.0	PM	Rs.26,31,750.00
	63mm PE 100-PN10	Rs.715.00	4533.0	PM	Rs.32,41,095.00
	50mm PE 100-PN8	Rs.352.00	5443.0	PM	Rs.19,15,936.00
	40mm PE 100-PN8	Rs.250.00	2706.0	PM	Rs.6,76,500.00
4	Supplying and installation, commissioning and testing of 3 HP Single phase Submersible pump and motor of KSB/Kirloskar or equivalent make having discharge of 2.5 to 3 lps against a total head of 35 m including doing power and light wiring SUPPLYING & FITTING service wire extension of L T line (0.3Km) & 65 mm dia G I medium class column pipe, 65mm dia Riser pipe (L), 65 mm dia N/R Valve, 65 mm dia flange and Supplying and installation of 6 KVA Stabilizer, taking single phase connection, Meter Board, Starter including power wiring all complete job etc all complete as per direction of E/I.	Rs.1,15,000.00	18	each	Rs.20,70,000.00
5	Providing house connection for each house hold including supplying all materials, labours, tools and making ferrule connection with 20 mm dia MDPE (PE 80 grade PN 12.5) and 15mm GI Pipes with all fittings etc all complete.	Rs.2,555.00	1405	each	Rs.35,89,775.00
	Installation of Electronically Regulated Doser type chlorinator using Sodium Hypo Chlorite (Hypo NaOCl)	Rs.25,000.00	18	each	Rs.4,50,000.00
	Providing and erecting 8M high staging as per details attached with ladder of ISA65 x 65 x 6 and 16mm dia MS bar as trade @ 400mm c/c and GI enclosure to house electric switch panel & treatment unit (where required) of suitably designed MS section of angle, channel, etc. as per drawing attached.	Rs.8,01,500.00	18	each	Rs.1,44,27,000.00

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8	Surveying and levelling using Total Station/DGPS or auto level instruments of the project area including transfer of relevant bench mark to establish the levels of strategic points at the selected position of the T/Well, pumping station & attach the surveying data sheet with drawing of pipe line, map of location of HYDT & Steel structure etc. all complete work.	Rs.2,500.00	18.1250	P/Km	Rs.45,312.50
	<b>Sub Total-A</b>				Rs.3,94,39,146.50
	<b>SECTION - B : Trial Run</b>				
9A	Cost of Applying for Taking Electricity connection including installation of Electric Meter on the scheme.	Rs.200.00	18	Each	Rs.3,600.00
9B	Cost for Electricity charges for a period of 3 months (Trial Run Period)	Rs.4,860.00	18	Each	Rs.87,480.00
10	For 2 PPM & 30% Chlorine solution of { Total population served ( say = 400 nos. (avg.) each scheme ) } *81*2/1000000)*(100/30)*3months*30* No.of schemes	Rs.150.00	349.92	per lit.	Rs.52,488.00
	<b>Sub Total-B</b>				Rs.1,43,568.00
	<b>Total Cost of one Unit (A+B)</b>				Rs.3,95,82,714.50
	<b>Total in Words :-</b>				(Rupees Three Crore Ninety Five Lakh Eighty Two Thousand Seven Hundred Fourteen or Fifty Thousand Seven Hundred Fourteen or Fifty Paise) Only.

Rate Approved Rs. 3,95,82,714.50 (Rupees Three Crore Ninety Five Lakh Eighty Two Thousand Seven Hundred Fourteen or Fifty Paise) Only. on Turn Key Basis for Finished Work all Complete Approved By Engineer in Chief (Work Management), P.H.E.D., Bihar, Patna Vide Letter No. - 857 Patna, Dated - 10.06.2025

  
 Executive Engineer  
 P.H. Division, Patna East Pa

Ajit Kumar Singh