

BOQ Summary					
Tender No. WAP/ GWRD&M/ DRILLING-DWLR/2024-25/FMDA/Feb-25/1					
Sr. No.	Name of Bidders	Quoted Amount excluding GST-BOQ1	Quoted Amount excluding GST-BOQ2	Total Quoted Amount excluding GST	Status
1	M/s Paramjit Machine Tools industries	46,591,215.00	16,509,500.00	63,100,715.00	L1
2	M/s Shiv Drillers	43,539,000.00	21,065,000.00	64,604,000.00	L2
3	M/s Nalanda Engicon Pvt Ltd.	52,088,800.00	22,280,000.00	74,368,800.00	L3





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Item Rate BoQ

Tender Inviting Authority: Tender Inviting Authority: GWRDM Div, WAPCOS Ltd.

Name of Work: Drilling, construction of approx. 138 nos. piezometers with supply, installation and commissioning of 138 nos. Digital Water Level Recorder (DWLRs) along with supply, installation and commissioning of 43 nos. Digital Water Level Recorder (DWLRs) in Existing Piezometers under FMDA area

Tender No. WAP/ GWRDM/ DRILLING-DWLR/2024-25/ FMDA/Feb-25/1

Name of the Bidder/ Bidding Firm / Company :	Paramjit Machine Tools Industries
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Note- (1. If the additional quantity of any item is needed as per technical requirement at site, the same shall be decided by WAPCOS & GMDA;

2. Payment shall be made based on actual executed quantities of each item at site.

3. The payment of pipe shall be made based on actual consumptions of pipes

4. The pipes shall be supplied by the bidder as per technical specification & BOQ.

5. The quoted price should be inclusive of all duties as applicable (except GST);

6. In Alluvium Formation pilot hole depth shall be determine based on log depth & In Hard Rock formation drilling depth shall be based on actual measurement depth of wells.)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE in Figures To be entered by the Bidder Rs. (Excluding GST)	TOTAL AMOUNT Without Taxes in Rs. (Excluding GST)	TOTAL AMOUNT In Words
1	2	4	5	13.00	53	55
1	Drilling of pilot hole for Piezometer using bentonite fluid by rock roller/drag bit of 300 mm dia including formation sample collection at every 3m, preparation and submission of litholog. (Drilling Depth can be varied from 60 m to 130 m as per the recommendation received by Site-incharge) - Alluvium Formation	8658.000	Meter	1015.00	8787870.00	INR Eighty Seven Lakh Eighty Seven Thousand Eight Hundred & Seventy Only
2	Drilling of overburden by Rockroller/ drag/ button bit to accommodate ERW casing pipe of 150 mm nominal size dia, including sample collection, preparation and submission of litholog, measurement of discharge through V-notch at various stages (Depths) of drilling, collection of water sample of each fracturezone encounteres adopting standard procedure in 1 ltr good quality Standard HDPE bottle. - Hard Rock Formation	1650.000	Meter	1250.00	2062500.00	INR Twenty Lakh Sixty Two Thousand Five Hundred Only
3	Drilling by DTH Method using appropriate size of button bit so as to reach targetted depth with diameter of hole not less than 135 mm at 100 m depth and final hole diameter not less than 125 mm at hole bottom including sample collection and preparation of lithology.	1363.000	Meter	650.00	885950.00	INR Eight Lakh Eighty Five Thousand Nine Hundred & Fifty Only
4	Digital Electrical logging using 406 mm and 1626 mm (16" and 64") SP, resistivity probe and Natural gamma logging, submission of log graph & report including zone wise water quality, logging graph, composite log etc.	106.000	Nos	33500.00	3551000.00	INR Thirty Five Lakh Fifty One Thousand Only
5	Caliper logging	32.000	Nos	86000.00	2752000.00	INR Twenty Seven Lakh Fifty Two Thousand Only
6	Supply and installation of 100 mm Nominal dia "U-PVC" Blank Pipe conforming to Table 5 of latest version of IS: 12818:2010.	7787.000	Meter	990.00	7709130.00	INR Seventy Seven Lakh Nine Thousand One Hundred & Thirty Only
7	Supply and installation of 100 mm Nominal Dia U-PVC" Screen Pipe conforming to Table 1 of latest version of IS: 12818:2010 (slot opening 0.75 mm to 1 mm - Screen Size as per site condition)	606.000	Meter	1350.00	818100.00	INR Eight Lakh Eighteen Thousand One Hundred Only
8	Supply and installation of ERW MS casing pipe of 150 mm nominal size dia, thickness 5 mm conforming to Table 3 of latest version of IS: 4270-2001 of diameter and thickness	1331.000	Meter	1585.00	2109635.00	INR Twenty One Lakh Nine Thousand Six Hundred & Thirty Five Only
9	Supply and shrouding of pea gravel of Particle size range 2.00 mm to 3.35 mm for 1.0 mm screen opening conforming to latest version of IS: 4097-1967.	8658.000	Meter	1575.00	13636350.00	INR One Crore Thirty Six Lakh Thirty Six Thousand Three Hundred & Fifty Only
10	Development by Air Compressor of adequate capacity for minimum 4 hours, over pumping and by other means till discharge water is clear and free of sand including collection of two water samples from PZ well adopting standard procedure in 1 litre HDPE bottle	106.000	Job	4550.00	482300.00	INR Four Lakh Eighty Two Thousand Three Hundred Only
11	Chemical analysis of water samples for 15 parameters Ph, EC, TH, TDS, Ca, Mg, Na, K, CO3, HCO3, SO4, NO3, Cl, F, & Fe, in NABL accredited labs and submission of report from NABL lab	138.000	Job	6450.00	890100.00	INR Eight Lakh Ninety Thousand One Hundred Only
12	Construction of cement concrete platform 0.70 x 0.70 x 0.60 m (0.30 m above ground level) using concrete mix of 1:2:4 around the housing pipe welded minimum 6 nos. anchoring plate as per drawing	138.000	Job	4810.00	663780.00	INR Six Lakh Sixty Three Thousand Seven Hundred & Eighty Only
13	Supply and installation of protection box made of GI sheet of 3.15mm thickness along with Brass lock (7 lever hardened) and three keys for each lock as per drawing & Well Cap as per drawing. MS Plate size 5 to 10mm with welding on outer surface of casing pipe 0.5mtrs.	138.000	Job	7620.00	1051560.00	INR Ten Lakh Fifty One Thousand Five Hundred & Sixty Only
14	Supply and installation of display board as per specification in drawing	138.000	Nos	3850.00	531300.00	INR Five Lakh Thirty One Thousand Three Hundred Only
15	Preparation and submission of basic data report in triplicate along with logging graphs, data sheets, analysis sheet, logging graphs, chemical analysis report from NABL lab, photographs/ videos of activity drilling assembly, part assembly lowering, pumping test, pumping test, V- notch discharge at various depths of drilling well site with display board well cap, protection box activity for each EW site, etc. The soft copy should be submitted.	138.000	Nos	4780.00	659640.00	INR Six Lakh Fifty Nine Thousand Six Hundred & Forty Only
Total in Figures					46591215.00	INR Four Crore Sixty Five Lakh Ninety One Thousand Two Hundred & Fifteen Only
Quoted Rate in Words		INR Four Crore Sixty Five Lakh Ninety One Thousand Two Hundred & Fifteen Only				

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Item Rate BoQ

Tender Inviting Authority: Tender Inviting Authority: GWRDM Div, WAPCOS Ltd.

Name of Work: Drilling, construction of approx. 138 nos. piezometers with supply, installation and commissioning of 138 nos. Digital Water Level Recorder (DWLRs) along with supply, installation and commissioning of 43 nos. Digital Water Level Recorder (DWLRs) in Existing Piezometers under FMDA area

Tender No. WAP/ GWRD&M/ DRILLING-DWLR/2024-25/ FMDA/Feb-25/1

Name of the Bidder/ Bidding Firm / Company :	Paramjit Machine Tools Industries
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PRICE SCHEDULE

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Note-

i.) 02 sets of Full documentation and maintenance instructions (in English) in soft and hard copies of per equipment showing details shall be supplied to consignee and Client.

ii.) Any wire required other than the cable shall be supplied free of cost and it should be on reel.

iii.) Training by OEM expert/OEM authorised technical person for data acquisition, processing, interpretation, up keep and maintenance and trouble shooting, field minor repairing, principle as well as practical for consignee's representative per equipment for required period at supplier cost at consignee place shall be provided before/after or during commissioning. The training should be to the entire satisfaction of consignee.

iv.) Installation, Commissioning and field testing: Supplier has to arrange for commissioning and testing of equipments, if required along with its components at Jurisdiction of consignee place at supplier cost, Supplier will inform in advance for installation and commissioning of the equipment.

v.) Length of sensor cable wire of ADWLR may vary from site to site of piezometers and it will be the responsibility of contractor to manage the installation upto desired depth.

vi.) Any items/accessories needed for safe and smooth operation of equipment even though not mentioned in the BOQ/Technical specification are deemed to be covered by BOQ and the same shall be supplied without any additional cost.

vii.) Above quoted cost includes all charges for items, articles, consumables and operations mentioned above or other items required for smooth running and functioning of equipment including cost of visiting the Service Engineer/Technician at the location during the comprehensive warranty and nothing extra shall be paid on this account.

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. (Excluding GST)	TOTAL AMOUNT Without Taxes in Rs. (Excluding GST)	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 30 meter along with sensor cable, as per list of installation sites in Tender, including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	131	Each	40000.00	5240000.00	INR Fifty Two Lakh Forty Thousand Only
2	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 50 meter along with sensor cable, as per list of installation sites in Tender, including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	44	Each	50000.00	2200000.00	INR Twenty Two Lakh Only
3	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 70 meter along with sensor cable, as per list of installation sites in Tender including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	4	Each	60000.00	240000.00	INR Two Lakh Forty Thousand Only
4	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 100 meter along with sensor cable, as per list of installation sites in Tender including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	2	Each	80000.00	160000.00	INR One Lakh Sixty Thousand Only
5	Integration of DWLR GSM & GPRS data at Cloud server to the existing State Data Center and e-SWIS/State Server with (Pull/push) API and Web interface as per technical specifications. * Provision of Services for Cloud Server is in Scope of Bidder	1	Each	1250000.00	1250000.00	INR Twelve Lakh Fifty Thousand Only
6	Construction of Fencing with wire mesh (76 mm x 76 mm x 12 mm gauge) around the piezometer site as per drawing attached including Fabrication and supply, fixing and painting of Fencing angle iron, sign board of frame size 0.75 m x 0.6 m x 1.2 mm thick with cross strips and provision to fix on wire mesh frame. Overall size of fencing will be 2 m x 2 m x 2 m above ground as per Drawing and Design including all labour and material etc. required as per technical specifications.	181	Each	30000.00	5430000.00	INR Fifty Four Lakh Thirty Thousand Only
7	Training of the purchaser's personnel at the supplier's plant and/or onsite in assembly, startup, operation, maintenance and/or repair of DWLR with telemetry and relevant software and supplied goods. Course topics will include sensor calibration, data logger configuration, data downloading, data retrieval, collection, Trouble shooting, processing maintenance requirements and procedure for equipment configuration, installation, site testing and commissioning including training kit containing course material in soft and hard copies as per technical specification	3	Each	90000.00	270000.00	INR Two Lakh Seventy Thousand Only
8	5 Years Operation and Maintenance and Comprehensive Warranty for DWLRs with Telemetry system along with accessories, installed at designated locations as specified in schedule, after final acceptance and up gradation of all software associated with DWLR systems. This includes replacement of batteries as & when required at bidders cost. The cost of communication using GSM & GPRS sim cards and other related charges.	181	Each	9500.00	1719500.00	INR Seventeen Lakh Nineteen Thousand Five Hundred Only
Total in Figures					16509500.00	INR One Crore Sixty Five Lakh Nine Thousand Five Hundred
Quoted Rate in Words				INR One Crore Sixty Five Lakh Nine Thousand Five Hundred Only		

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Item Rate BoQ

Tender Inviting Authority: Tender Inviting Authority: GWRDM Div, WAPCOS Ltd.

Name of Work: Drilling, construction of approx. 138 nos. piezometers with supply, installation and commissioning of 138 nos. Digital Water Level Recorder (DWLRs) along with supply, installation and commissioning of 43 nos. Digital Water Level Recorder (DWLRs) in Existing Piezometers under FMDA area

Tender No. WAP/ GWRD&M/ DRILLING-DWLR/2024-25/ FMDA/Feb-25/1

Name of the Bidder/ Bidding Firm / Company :	Shiv Drillers					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only) Note- (1. If the additional quantity of any item is needed as per technical requirement at site, the same shall be decided by WAPCOS & GMDA; 2. Payment shall be made based on actual executed quantities of each item at site. 3. The payment of pipe shall be made based on actual consumptions of pipes 4. The pipes shall be supplied by the bidder as per technical specification & BOQ. 5. The quoted price should be inclusive of all duties as applicable (except GST); 6. In Alluvium Formation pilot hole depth shall be determine based on log depth & In Hard Rock formation drilling depth shall be based on actual measurement depth of wells.)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. (Excluding GST)	TOTAL AMOUNT Without Taxes in Rs. (Excluding GST)	TOTAL AMOUNT In Words
1	2	4	5	13.00	53	55
1	Drilling of pilot hole for Piezometer using bentonite fluid by rock roller/drag bit of 300 mm dia including formation sample collection at every 3m, preparation and submission of litholog. (Drilling Depth can be varied from 60 m to 130 m as per the recommendation received by Site-incharge) - Alluvium Formation	8658.000	Meter	1500.00	12987000.00	INR One Crore Twenty Nine Lakh Eighty Seven Thousand Only
2	Drilling of overburden by Rockroller/ drag/ button bit to accommodate ERW casing pipe of 150 mm nominal size dia, including sample collection, praparation and submission of litholog, measurement of discharge through V-notch at various stages (Depths) of drilling, collection of water sample of each fracturezone encounteredes adopting standard procedure in 1 ltr good quality Standard HDPE bottle. - Hard Rock Formation	1650.000	Meter	1200.00	1980000.00	INR Nineteen Lakh Eighty Thousand Only
3	Drilling by DTH Method using appropriate size of button bit so as to reach targetted depth with diameter of hole not less than 135 mm at 100 m depth and final hole diameter not less than 125 mm at hole bottom including sample collection and preparation of lithology.	1363.000	Meter	900.00	1226700.00	INR Twelve Lakh Twenty Six Thousand Seven Hundred Only
4	Digital Electrical logging using 406 mm and 1626 mm (16" and 64") SP, resistivity probe and Natural gamma logging, submission of log graph & report including zone wise water quality, logging graph, composite log etc.	106.000	Nos	35000.00	3710000.00	INR Thirty Seven Lakh Ten Thousand Only
5	Caliper logging	32.000	Nos	35000.00	1120000.00	INR Eleven Lakh Twenty Thousand Only
6	Supply and installation of 100 mm Nominal dia "U-PVC" Blank Pipe conforming to Table5 of latest version of IS: 12818:2010.	7787.000	Meter	600.00	4672200.00	INR Forty Six Lakh Seventy Two Thousand Two Hundred Only
7	Supply and installation of 100 mm Nominal Dia U-PVC Screen Pipe conforming to Table 1 of latest version of IS: 12818:2010 (slot opening 0.75 mm to 1 mm - Screen Size as per site condition)	606.000	Meter	1000.00	606000.00	INR Six Lakh Six Thousand Only
8	Supply and installation of ERW MS casing pipe of 150 mm nominal size dia, thickness 5 mm conforming to Table 3 of latest version of IS: 4270-2001 of diameter and thickness	1331.000	Meter	1500.00	1996500.00	INR Nineteen Lakh Ninety Six Thousand Five Hundred Only
9	Supply and shrouding of pea gravel of Particle size range 2.00 mm to 3.35 mm for 1.0 mm screen opening confirming to latest version of IS: 4097-1967.	8658.000	Meter	700.00	6060600.00	INR Sixty Lakh Sixty Thousand Six Hundred Only
10	Development by Air Compressor of adequate capacity for minimum 4 hours, over pumping and by other means till discharge water is clear and free of sand including collection of two water samples from PZ well adopting standard procedure in 1 litre HDPE bottle	106.000	Job	15000.00	1590000.00	INR Fifteen Lakh Ninety Thousand Only
11	Chemical analysis of water samples for 15 parameters Ph, EC, TH, TDS, Ca, Mg, Na, K, CO3, HCO3, SO4, NO3, Cl, F, & Fe, in NABL accredited labs and submission of report from NABL lab	138.000	Job	10000.00	1380000.00	INR Thirteen Lakh Eighty Thousand Only
12	Construction of cement concrete platform 0.70 x 0.70 x 0.60 m (0.30 m above ground level) using concrete mix of 1:2:4 around the housing pipe welded minimum 6 nos. anchoring plate as per drawing	138.000	Job	14000.00	1932000.00	INR Nineteen Lakh Thirty Two Thousand Only
13	Supply and installation of protection box made of GI sheet of 3.15mm thickness along with Brass lock (7 lever hardened) and three keys for each lock as per drawing & Well Cap as per drawing. MS Plate size 5 to 10mm with welding on outer surface of casing pipe 0.5mtrs.	138.000	Job	14000.00	1932000.00	INR Nineteen Lakh Thirty Two Thousand Only
14	Supply and installation of display board as per specification in drawing	138.000	Nos	12000.00	1656000.00	INR Sixteen Lakh Fifty Six Thousand Only
15	Preparation and submission of basic data report in triplicate along with logging graphs, data sheets, analysis sheet, logging graphs, chemical analysis report from NABL lab, photographs/ videos of activity drilling assembly, part assembly lowering, pumping test, pumping test, V- notch discharge at various depths of drilling well site with display board well cap, protection box activity for each EW site, etc. The soft copy should be submitted.	138.000	Nos	5000.00	690000.00	INR Six Lakh Ninety Thousand Only
Total in Figures					43539000.00	INR Four Crore Thirty Five Lakh Thirty Nine Thousand Only
Quoted Rate in Words			INR Four Crore Thirty Five Lakh Thirty Nine Thousand Only			

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Item Rate BoQ

Tender Inviting Authority: Tender Inviting Authority: GWRDM Div, WAPCOS Ltd.

Name of Work: Drilling, construction of approx. 138 nos. piezometers with supply, installation and commissioning of 138 nos. Digital Water Level Recorder (DWLRs) along with supply, installation and commissioning of 43 nos. Digital Water Level Recorder (DWLRs) in Existing Piezometers under FMDA area

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Name of the Bidder/ Bidding Firm / Company :	Shiv Drillers
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PRICE SCHEDULE

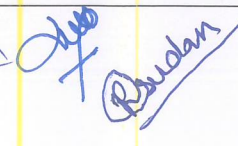
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Note-

- i.) 02 sets of Full documentation and maintenance instructions (in English) in soft and hard copies of per equipment showing details shall be supplied to consignee and Client.
- ii.) Any wire required other than the cable shall be supplied free of cost and it should be on reel.
- iii.) Training by OEM expert/OEM authorised technical person for data acquisition, processing, interpretation, up keep and maintenance and trouble shooting, field minor repairing, principle as well as practical for consignee's representative per equipment for required period at supplier cost at consignee place shall be provided before/after or during commissioning. The training should be to the entire satisfaction of consignee.
- iv.) Installation, Commissioning and field testing: Supplier has to arrange for commissioning and testing of equipments, if required along with its components at Jurisdiction of consignee place at supplier cost, Supplier will inform in advance for installation and commissioning of the equipment.
- v.) Length of sensor cable wire of ADWLR may vary from site to site of piezometers and it will be the responsibility of contractor to manage the installation upto desired depth.
- vi.) Any items/accessories needed for safe and smooth operation of equipment even though not mentioned in the BOQ/Technical specification are deemed to be covered by BOQ and the same shall be supplied without any additional cost.
- vii.) Above quoted cost includes all charges for items, articles, consumables and operations mentioned above or other items required for smooth running and functioning of equipment including cost of visiting the Service Engineer/Technician at the location during the comprehensive warranty and nothing extra shall be paid on this account.

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1	2	4	5	13	53	55
1	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non –vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 30 meter along with sensor cable, as per list of installation sites in Tender, including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	131	Each	75000.00	9825000.00	INR Ninety Eight Lakh Twenty Five Thousand Only
2	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non –vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 50 meter along with sensor cable, as per list of installation sites in Tender, including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	44	Each	75000.00	3300000.00	INR Thirty Three Lakh Only
3	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non –vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 70 meter along with sensor cable, as per list of installation sites in Tender including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	4	Each	75000.00	300000.00	INR Three Lakh Only
4	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non –vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 100 meter along with sensor cable, as per list of installation sites in Tender including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	2	Each	75000.00	150000.00	INR One Lakh Fifty Thousand Only
5	Integration of DWLR GSM & GPRS data at Cloud server to the existing State Data Center and e-SWIS/State Server with (Pull/push) API and Web interface as per technical specifications. * Provision of Services for Cloud Server is in Scope of Bidder	1	Each	100000.00	100000.00	INR One Lakh Only
6	Construction of Fencing with wire mesh (76 mm x 76 mm x 12 mm gauge) around the piezometer site as per drawing attached including Fabrication and supply, fixing and painting of Fencing angle iron, sign board of frame size 0.75 m x 0.6 m x 1.2 mm thick with cross strips and provision to fix on wire mesh frame. Overall size of fencing will be 2 m x 2 m x 2 m above ground as per Drawing and Design including all labour and material etc. required as per technical specifications.	181	Each	35000.00	6335000.00	INR Sixty Three Lakh Thirty Five Thousand Only
7	Training of the purchaser's personnel at the supplier's plant and/or/onsite in assembly, startup, operation, maintenance and/or repair of DWLR with telemetry and relevant software and supplied goods. Course topics will include sensor calibration, data logger configuration, data downloading, data retrieval, collection, Trouble shooting, processing maintenance requirements and procedure for equipment configuration, installation, site testing and commissioning including training kit containing course material in soft and hard copies as per technical specification	3	Each	50000.00	150000.00	INR One Lakh Fifty Thousand Only
8	5 Years Operation and Maintenance and Comprehensive Warranty for DWLRs with Telemetry system along with accessories, installed at designated locations as specified in schedule, after final acceptance and up gradation of all software associated with DWLR systems. This includes replacement of batteries as & when required at bidders cost. The cost of communication using GSM & GPRS sim cards and other related charges.	181	Each	5000.00	905000.00	INR Nine Lakh Five Thousand Only
Total in Figures					21065000.00	INR Two Crore Ten Lakh Sixty Five Thousand Only
Quoted Rate in Words				INR Two Crore Ten Lakh Sixty Five Thousand Only		



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Name of the Bidder/ Bidding Firm / Company :	Nalanda Engicon Pvt Ltd					
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2	Drilling of overburden by Rockroller/ drag/ button bit to accommodate ERW casing pipe of 150 mm nominal size dia, including sample collection, praparation and submission of litholog, measurement of discharge through V-notch at various stages (Depths) of drilling, collection of water sample of each fracturezone encounteres adopting standard procedure in 1 ltr good quality Standard HDPE bottle. - Hard Rock Formation	1650.000	Meter	1400.00	2310000.00	INR Twenty Three Lakh Ten Thousand Only
3	Drilling by DTH Method using appropriate size of button bit so as to reach targetted depth with diameter of hole not less than 135 mm at 100 m depth and final hole diameter not less than 125 mm at hole bottom including sample collection and preparation of lithology.	1363.000	Meter	800.00	1090400.00	INR Ten Lakh Ninety Thousand Four Hundred Only
4	Digital Electrical logging using 406 mm and 1626 mm (16" and 64") SP, resistivity probe and Natural gamma logging, submission of log graph & report including zone wise water quality, logging graph, composite log etc.	106.000	Nos	40000.00	4240000.00	INR Forty Two Lakh Forty Thousand Only
5	Caliper logging	32.000	Nos	30000.00	960000.00	INR Nine Lakh Sixty Thousand Only
6	Supply and installation of 100 mm Nominal dia "U-PVC" Blank Pipe conforming to Table5 of latest version of IS: 12818:2010.	7787.000	Meter	1000.00	7787000.00	INR Seventy Seven Lakh Eighty Seven Thousand Only
7	Supply and installation of 100 mm Nominal Dia U-PVC" Screen Pipe conforming to Table 1 of latest version of IS: 12818:2010 (slot opening 0.75 mm to 1 mm - Screen Size as per site condition)	606.000	Meter	1400.00	848400.00	INR Eight Lakh Forty Eight Thousand Four Hundred Only
8	Supply and installation of ERW MS casing pipe of 150 mm nominal size dia, thickness 5 mm conforming to Table 3 of latest version of IS: 4270-2001 of diameter and thickness	1331.000	Meter	1200.00	1597200.00	INR Fifteen Lakh Ninety Seven Thousand Two Hundred Only
9	Supply and shrouding of pea gravel of Particle size range 2.00 mm to 3.35 mm for 1.0 mm screen opening confirming to latest version of IS: 4097-1967.	8658.000	Meter	850.00	7359300.00	INR Seventy Three Lakh Fifty Nine Thousand Three Hundred Only
10	Development by Air Compressor of adequate capacity for minimum 4 hours, over pumping and by other means till discharge water is clear and free of sand including collection of two water samples from PZ well adopting standard procedure in 1 litre HDPE bottle	106.000	Job	20000.00	2120000.00	INR Twenty One Lakh Twenty Thousand Only
11	Chemical analysis of water samples for 15 parameters Ph, EC, TH, TDS, Ca, Mg, Na, K, CO3, HCO3, SO4, NO3, Cl, F, & Fe, in NABL accredited labs and submission of report from NABL lab	138.000	Job	5000.00	690000.00	INR Six Lakh Ninety Thousand Only
12	Construction of cement concrete platform 0.70 x 0.70 x 0.60 m (0.30 m above ground level) using concrete mix of 1:2:4 around the housing pipe welded minimum 6 nos. anchoring plate as per drawing	138.000	Job	20000.00	2760000.00	INR Twenty Seven Lakh Sixty Thousand Only
13	Supply and installation of protection box made of GI sheet of 3.15mm thickness along with Brass lock (7 lever hardened) and three keys for each lock as per drawing & Well Cap as per drawing. MS Plate size 5 to 10mm with welding on outer surface of casing pipe 0.5mtrs.	138.000	Job	15000.00	2070000.00	INR Twenty Lakh Seventy Thousand Only
14	Supply and installation of display board as per specification in drawing	138.000	Nos	15000.00	2070000.00	INR Twenty Lakh Seventy Thousand Only
15	Preparation and submission of basic data report in triplicate along with logging graphs, data sheets, analysis sheet, logging graphs, chemical analysis report from NABL lab, photographs/ videos of activity drilling assembly, part assembly lowering, pumping test, pumping test, V- notch discharge at various depths of drilling well site with display board well cap, protection box activity for each EW site, etc. The soft copy should be submitted.	138.000	Nos	7500.00	1035000.00	INR Ten Lakh Thirty Five Thousand Only
Total in Figures					52088800.00	INR Five Crore Twenty Lakh Eighty Eight Thousand Eight Hundred Only
Quoted Rate in Words		INR Five Crore Twenty Lakh Eighty Eight Thousand Eight Hundred Only				

Validate

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Help

Item Rate BoQ

Tender Inviting Authority: Tender Inviting Authority: GWRDM Div, WAPCOS Ltd.

Name of Work: Drilling, construction of approx. 138 nos. piezometers with supply, installation and commissioning of 138 nos. Digital Water Level Recorder (DWLRs) along with supply, installation and commissioning of 43 nos. Digital Water Level Recorder (DWLRs) in Existing Piezometers under FMDA area

Tender No. WAP/ GWRD&M/ DRILLING-DWLR/2024-25/ FMDA/Feb-25/1

Name of the Bidder/ Bidding Firm / Company :	Nalanda Engicon Pvt Ltd
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PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Note-

- i.) 02 sets of Full documentation and maintenance instructions (in English) in soft and hard copies of per equipment showing details shall be supplied to consignee and Client.
- ii.) Any wire required other than the cable shall be supplied free of cost and it should be on reel.
- iii.) Training by OEM expert/OEM authorised technical person for data acquisition, processing, interpretation, up keep and maintenance and trouble shooting, field minor repairing, principle as well as practical for consignee's representative per equipment for required period at supplier cost at consignee place shall be provided before/after or during commissioning. The training should be to the entire satisfaction of consignee.
- iv.) Installation, Commissioning and field testing: Supplier has to arrange for commissioning and testing of equipments, if required along with its components at Jurisdiction of consignee place at supplier cost, Supplier will inform in advance for installation and commissioning of the equipment.
- v.) Length of sensor cable wire of ADWLR may vary from site to site of piezometers and it will be the responsibility of contractor to manage the installation upto desired depth.
- vi.) Any items/accessories needed for safe and smooth operation of equipment even though not mentioned in the BOQ/Technical specification are deemed to be covered by BOQ and the same shall be supplied without any additional cost.
- vii.) Above quoted cost includes all charges for items, articles, consumables and operations mentioned above or other items required for smooth running and functioning of equipment including cost of visiting the Service Engineer/Technician at the location during the comprehensive warranty and nothing extra shall be paid on this account.

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. (Excluding GST)	TOTAL AMOUNT Without Taxes in Rs. (Excluding GST)	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 30 meter along with sensor cable, as per list of installation sites in Tender, including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	131	Each	85000.00	11135000.00	INR One Crore Eleven Lakh Thirty Five Thousand Only
2	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 50 meter along with sensor cable, as per list of installation sites in Tender, including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	44	Each	85000.00	3740000.00	INR Thirty Seven Lakh Forty Thousand Only
3	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 70 meter along with sensor cable, as per list of installation sites in Tender including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	4	Each	85000.00	340000.00	INR Three Lakh Forty Thousand Only
4	Supply Installation, Testing and Commissioning of Digital Water Level Recorders (DWLRs) with non-vented hydrostatic pressure type sensor with barometric pressure correction for individual station with measurement range (as per attached list) of up to 100 meter along with sensor cable, as per list of installation sites in Tender including junction box and necessary accessories with battery operated data logger and GSM & GPRS telemetry system, complete as per the technical specifications.	2	Each	90000.00	180000.00	INR One Lakh Eighty Thousand Only
5	Integration of DWLR GSM & GPRS data at Cloud server to the existing State Data Center and e-SWIS/State Server with (Pull/push) API and Web interface as per technical specifications. * Provision of Services for Cloud Server is in Scope of Bidder	1	Each	250000.00	250000.00	INR Two Lakh Fifty Thousand Only
6	Construction of Fencing with wire mesh (76 mm x 76 mm x 12 mm gauge) around the piezometer site as per drawing attached including Fabrication and supply, fixing and painting of Fencing angle iron, sign board of frame size 0.75 m x 0.6 m x 1.2 mm thick with cross strips and provision to fix on wire mesh frame. Overall size of fencing will be 2 m x 2 m x 2 m above ground as per Drawing and Design including all labour and material etc. required as per technical specifications.	181	Each	25000.00	4525000.00	INR Forty Five Lakh Twenty Five Thousand Only
7	Training of the purchaser's personnel at the supplier's plant and/or/onsite in assembly, startup, operation, maintenance and/or repair of DWLR with telemetry and relevant software and supplied goods. Course topics will include sensor calibration, data logger configuration, data downloading, data retrieval, collection, Trouble shooting, processing maintenance requirements and procedure for equipment configuration, installation, site testing and commissioning including training kit containing course material in soft and hard copies as per technical specification	3	Each	100000.00	300000.00	INR Three Lakh Only
8	5 Years Operation and Maintenance and Comprehensive Warranty for DWLRs with Telemetry system along with accessories, installed at designated locations as specified in schedule, after final acceptance and up gradation of all software associated with DWLR systems. This includes replacement of batteries as & when required at bidders cost. The cost of communication using GSM & GPRS sim cards and other related charges.	181	Each	10000.00	1810000.00	INR Eighteen Lakh Ten Thousand Only
Total in Figures					22280000.00	INR Two Crore Twenty Two Lakh Eighty Thousand Only
Quoted Rate in Words	INR Two Crore Twenty Two Lakh Eighty Thousand Only					

Handwritten signatures and initials:
 - A large blue signature on the left.
 - A signature in the middle that appears to say "Chanchal".
 - A signature on the right that appears to say "Rajesh".
 - Other smaller initials and marks.