



Government of West Bengal
Irrigation & Waterways Dte.
Office of the Sub-Divisional Officer
Ghatal Irrigation Sub-Division

Tel: 03225 255096 & e- mail Id: sdoirrigationghatal@gmail.com

Memo No. 432/WBIW/GISD (Tender)

Dated, 16th August' 2024

1st Corrigendum against NIT No: -

WBIW/SDO/GISD/NIT-05/2024-25 issued vides Memo No. 426^E/1/ (1-11), Dated, Date: 12.08.2024

This is for general information that list of SOR for Sl. No. 01, 02 & 03 of above mention NIT are enclosed herein in separate sheet

The all other terms and conditions in original tender will remain unchanged.

Sub-Divisional Officer
Ghatal Irrigation Sub- Division
Irrigation & Waterways Dte.

Dated, 16th August' 2024

Memo No. 432^E/WBIW/GISD (Tender)/1/ (1-11)

Copy for information & wide Circulation to the:-

1. Superintending Engineer, Western Circle, II, I & W Dte. Midnapore, Paschim Medinipur.
2. Executive Engineer, West Midnapore Division, I & W Dte., Paschim Medinipur.
3. Block Development Officer, Daspur-I Block, Daspur, Paschim Medinipur.
4. Block Development Officer, Chandrakona-II Block, Chandrakona, Paschim Medinipur.
5. Sabhapati, Daspur-I Panchayat Samity, Daspur, Paschim Medinipur.
6. Sabhapati, Chandrakona-II Panchayat Samity, Chandrakona, Paschim Medinipur.
7. Sub- Divisional Officer /Lachmapore Irrigation Sub-Division, (I&W. Dte.) Midnapore, Paschim Medinipur
8. Sub Divisional Officer / Investigation Sub-Division No.-II,(I&W Dte,) Midnapore, Paschim Medinipur
9. Secretary, Association of Paschim Medinipur Engineers' Co-operative SocietiesLtd, Midnapore, Paschim Medinipur.
10. Office Notice Board/ Divisional Accounts Officer / Estimating Section /Hd. Clerk / Cash Section of West Midnapore Division.
11. Office Notice Board of Ghatal Irrigation Sub-Division.

Sub-Divisional Officer
Ghatal Irrigation Sub- Division
Irrigation & Waterways Dte.

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NOTICE INVITING TENDER NO.-WBIW/SDO/GISD/NIT-05/2024-25, Sl. No. 01


Name of Work : "Geotechnical Investigation for the work, "Construction of Cross Regulator at Jadupur over River Kanki in Block-Daspur-I, P.S.-Daspur, Paschim Medinipur in connection with Ghatal Master Plan." (IW/SI-41/2024-25).

Amount put to Tender- Rs. 96823.00

Earnest Money- Rs. 1936.00

Time allowed completion- 30 (thirty) days

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Mobilisation Charges of all tools & Plants along with accessories, material, labour, supervision etc. at site of work required in connection with boring and testing work, including setting up boring rigs and shifting to different Bore-hole points etc. and also including withdrawal of same from the site after completion of work, complete as per direction of Engineer-in-Charge. (a) Detailed Investigation :	1.00	L.S	₹ 29,795.00	₹ 29,795.00	INR Twenty Nine Thousand Seven Hundred & Ninety Five Only
2	Labour for making Bore-Holes of 150mm to 250mm dia. by any standard method to any depth below ground level / bed level in all kinds of soil like clay, silt, sand, stiff clay, mixed soils etc. except rocks (for the purpose of collecting Disturbed & Un disturbed soil samples, conducting Standard Penetration Test at suitable intervals etc.) including preparation and submission of bore-log as per IRC : 75 and 78 and Clause 2400 of Specifications for Road & Bridge Works (5th Revision), Published by IRC, and also including hire charges of tools and plants complete as per the direction of Engineer-in-Charge. a) When Casing pipe is used to prevent collapse of bore hole (casing pipe to be finally withdrawn) (i) Depth 0m to 10m	20.00	Metre	₹ 405.21	₹ 8,104.00	INR Eight Thousand One Hundred & Four Only
	(ii) Depth greater than 10m and upto 20m	20.00	Metre	₹ 476.72	₹ 9,534.00	INR Nine Thousand Five Hundred & Thirty Four Only
3	Collection of Samples from the bore hole made as per B-a (a) Undisturbed	8.00	Per Sample	₹ 417.13	₹ 3,337.00	INR Three Thousand Three Hundred & Thirty Seven Only
	(b) Disturbed	8.00	Per Sample	₹ 143.02	₹ 1,144.00	INR One Thousand One Hundred & Forty Four Only
4	Standard Penetration Tests (S.P.T.) by Split Spoon Sampler in the bore hole as per IS 2131. (i) 0.0m - 10.0m	6.00	Each	₹ 417.13	₹ 2,503.00	INR Two Thousand Five Hundred & Three Only
	(ii) 10.0m-20.0m	6.00	Each	₹ 548.23	₹ 3,289.00	INR Three Thousand Two Hundred & Eighty Nine Only
5	A. Laboratory Investigation:					
	i) Liquid Limit as per IS 2720 (Part – V).	4.00	Each	₹ 417.13	₹ 1,669.00	INR One Thousand Six Hundred & Sixty Nine Only
	ii) Plastic Limit as per IS 2720 (Part – V)	4.00	Each	₹ 417.13	₹ 1,669.00	INR One Thousand Six Hundred & Sixty Nine Only
	iii) Grain size analysis by Sieving as per IS 2720 (Part – IV).	3.00	Each	₹ 631.65	₹ 1,895.00	INR One Thousand Eight Hundred & Ninety Five Only
	iv) Grain size analysis by Hydrometer Method as per IS 2720 (Part – IV).	3.00	Each	₹ 822.34	₹ 2,467.00	INR Two Thousand Four Hundred & Sixty Seven Only
	v) Determination of Water Content as per IS 2720 (Part – II).	3.00	Each	₹ 166.85	₹ 501.00	INR Five Hundred & One Only
	vi) Determination of Specific Gravity as per IS 2720 (Part – III).	3.00	Each	₹ 548.23	₹ 1,645.00	INR One Thousand Six Hundred & Forty Five Only
	vii) Direct Shear Test as per IS 2720 (Part – XIII).	3.00	Each	₹ 679.33	₹ 2,038.00	INR Two Thousand & Thirty Eight Only
	viii) Determination of Unconfined Compression Strength as per IS 2720 (Part – X).					
	a) Undisturbed.	3.00	Each	₹ 822.34	₹ 2,467.00	INR Two Thousand Four Hundred & Sixty Seven Only
	b) Remoulded.	3.00	Each	₹ 1,096.46	₹ 3,289.00	INR Three Thousand Two Hundred & Eighty Nine Only
	xvi) Tri-Axial Shear Test.					
	b) Determination of Shear strength Parameters of a specimen tested in Consolidated Undrained Tri-axial compression Test with measurement of pore water pressure as per IS 2720 (Part – XII).	3.00	Each	₹ 1,370.57	₹ 4,112.00	INR Four Thousand One Hundred & Twelve Only
	xvii) Laboratory Determination of Permeability as per IS 2720 (Part– XVII).	3.00	Each	₹ 822.34	₹ 2,467.00	INR Two Thousand Four Hundred & Sixty Seven Only

SI. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
6	Preparation and submission of report in 6 (Six) copies, giving all relevant information data like site plan, Bore log and water table, test results, calculations, discussions, suggestions and recommendations in respect of suitable foundation etc. including determination of silt factor calculation of waterways and complete design of foundation including analysis of Bearing Capacities and settlements in bound and presentable form complete as per direction of Engineer-in-Charge. b) Detailed Investigation	1.00	Vol	₹ 14,897.50	₹ 14,898.00	INR Fourteen Thousand Eight Hundred & Ninety Eight Only
Total in Figures					₹ 96,823.00	INR Ninety Six Thousand Eight Hundred & Twenty Three Only
 Sub-Divisional Officer Ghatal Irrigation Sub-Division I & W Dte.						

I / We do hereby agree to do the above work @..... (.....)

Above / less / at par than the Schedule of Rates attached herewith.

.....
(Signature of the contractor)

**Government of West Bengal
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Ghatal Irrigation Sub-Division**

NOTICE INVITING TENDER NO.-WBIW/SDO/GISD/NIT-05/2024-25, Sl. No. 02


Name of Work : "Geotechnical Investigation for "Construction of Cross Regulator at Dharampota over River Kethia in Block-Chandrakona-II, PS.-Chandrakona, Paschim Medinipur in connection with Ghatal Master Plan" (IW/SI-42/2024-25).

Amount put to Tender- Rs. 96823.00

Earnest Money- Rs. 1936.00

Time allowed completion- 30 (thirty) days

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Mobilisation Charges of all tools & Plants along with accessories, material, labour, supervision etc. at site of work required in connection with boring and testing work, including setting up boring rigs and shifting to different Bore-hole points etc. and also including withdrawal of same from the site after completion of work, complete as per direction of Engineer-in-Charge. (a) Detailed Investigation :	1.00	L.S	₹ 29,795.00	₹ 29,795.00	INR Twenty Nine Thousand Seven Hundred & Ninety Five Only
2	Labour for making Bore-Holes of 150mm to 250mm dia. by any standard method to any depth below ground level / bed level in all kinds of soil like clay, silt, sand, stiff clay, mixed soils etc. except rocks (for the purpose of collecting Disturbed & Un disturbed soil samples, conducting Standard Penetration Test at suitable intervals etc.) including preparation and submission of bore-log as per IRC : 75 and 78 and Clause 2400 of Specifications for Road & Bridge Works (5th Revision), Published by IRC, and also including hire charges of tools and plants complete as per the direction of Engineer-in-Charge. a) When Casing pipe is used to prevent collapse of bore hole (casing pipe to be finally withdrawn) (i) Depth 0m to 10m	20.00	Metre	₹ 405.21	₹ 8,104.00	INR Eight Thousand One Hundred & Four Only
	(ii) Depth greater than 10m and upto 20m	20.00	Metre	₹ 476.72	₹ 9,534.00	INR Nine Thousand Five Hundred & Thirty Four Only
3	Collection of Samples from the bore hole made as per B-a (a) Undisturbed	8.00	Per Sample	₹ 417.13	₹ 3,337.00	INR Three Thousand Three Hundred & Thirty Seven Only
	(b) Disturbed	8.00	Per Sample	₹ 143.02	₹ 1,144.00	INR One Thousand One Hundred & Forty Four Only
4	Standard Penetration Tests (S.P.T.) by Split Spoon Sampler in the bore hole as per IS 2131. (i) 0.0m - 10.0m	6.00	Each	₹ 417.13	₹ 2,503.00	INR Two Thousand Five Hundred & Three Only
	(ii) 10.0m-20.0m	6.00	Each	₹ 548.23	₹ 3,289.00	INR Three Thousand Two Hundred & Eighty Nine Only
5	A. Laboratory Investigation:					
	i) Liquid Limit as per IS 2720 (Part – V).	4.00	Each	₹ 417.13	₹ 1,669.00	INR One Thousand Six Hundred & Sixty Nine Only
	ii) Plastic Limit as per IS 2720 (Part – V)	4.00	Each	₹ 417.13	₹ 1,669.00	INR One Thousand Six Hundred & Sixty Nine Only
	iii) Grain size analysis by Sieving as per IS 2720 (Part – IV).	3.00	Each	₹ 631.65	₹ 1,895.00	INR One Thousand Eight Hundred & Ninety Five Only
	iv) Grain size analysis by Hydrometer Method as per IS 2720 (Part – IV).	3.00	Each	₹ 822.34	₹ 2,467.00	INR Two Thousand Four Hundred & Sixty Seven Only
	v) Determination of Water Content as per IS 2720 (Part – II).	3.00	Each	₹ 166.85	₹ 501.00	INR Five Hundred & One Only
	vi) Determination of Specific Gravity as per IS 2720 (Part – III).	3.00	Each	₹ 548.23	₹ 1,645.00	INR One Thousand Six Hundred & Forty Five Only
	vii) Direct Shear Test as per IS 2720 (Part – XIII).	3.00	Each	₹ 679.33	₹ 2,038.00	INR Two Thousand & Thirty Eight Only
	viii) Determination of Unconfined Compression Strength as per IS 2720 (Part – X).					
	a) Undisturbed.	3.00	Each	₹ 822.34	₹ 2,467.00	INR Two Thousand Four Hundred & Sixty Seven Only
	b) Remoulded.	3.00	Each	₹ 1,096.46	₹ 3,289.00	INR Three Thousand Two Hundred & Eighty Nine Only
	xvi) Tri-Axial Shear Test.					
	b) Determination of Shear strength Parameters of a specimen tested in Consolidated Undrained Tri-axial compression Test with measurement of pore water pressure as per IS 2720 (Part – XII).	3.00	Each	₹ 1,370.57	₹ 4,112.00	INR Four Thousand One Hundred & Twelve Only
	xvii) Laboratory Determination of Permeability as per IS 2720 (Part– XVII).	3.00	Each	₹ 822.34	₹ 2,467.00	INR Two Thousand Four Hundred & Sixty Seven Only

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1	2	3	4	5	6	7
6	Preparation and submission of report in 6 (Six) copies, giving all relevant information data like site plan, Bore log and water table, test results, calculations, discussions, suggestions and recommendations in respect of suitable foundation etc. including determination of silt factor calculation of waterways and complete design of foundation including analysis of Bearing Capacities and settlements in bound and presentable form complete as per direction of Engineer-in-Charge. b) Detailed Investigation	1.00	Vol	₹ 14,897.50	₹ 14,898.00	INR Fourteen Thousand Eight Hundred & Ninety Eight Only
Total in Figures					₹ 96,823.00	INR Ninety Six Thousand Eight Hundred & Twenty Three Only
 Sub-Divisional Officer Ghatal Irrigation Sub-Division I & W Dte.						

I / We do hereby agree to do the above work @..... (.....)

Above / less / at par than the Schedule of Rates attached herewith.

.....
(Signature of the contractor)

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NOTICE INVITING TENDER NO.–WBIW/SDO/GISD/NIT-05/2024-25, Sl. No. 03

Name of Work : "Survey works for framing proposal for Construction of Cross Regulator at Jadupur over River Kanki in Block-Daspur-I, PS.-Daspur, Paschim Medinipur and Construction of Cross Regulator at Dharampota over River Kethia in Block-Chandrakona-II, PS.-Chandrakona, Paschim Medinipur in connection with Ghatal Master Plan in connection with Ghatal Master Plan." (IW/Sl-43/2024-25).

Amount put to Tender- Rs. 80500.00

Earnest Money- Rs. 1610.00

Time allowed completion- 30 (thirty) days

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT including all Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1	Total Station Survey plan in required scale showing Bridge tentative alignment, substructure locations and approach roads with structures (temporary or permanent) up to 150 m, cross sections in plan (one at bridge alignment, and two each on u/s & d/s at an interval of max. 100 m apart with respect to G.T.S in the District of Purba Medinipur and Paschim Medinipur. The rate is inclusive of all taxes including G.S.T.	2.00	Per spot	₹ 40,250.00	₹ 80,500.00	INR Eighty Thousand Five Hundred Only
Total in Figures					₹ 80,500.00	INR Eighty Thousand Five Hundred Only
 Sub-Divisional Officer Ghatal Irrigation Sub-Division I & W Dte.						

I / We do hereby agree to do the above work @..... (.....)

Above / less / at par than the Schedule of Rates attached herewith.

.....
(Signature of the contractor)