

WEST BENGAL STATE ELECTRICITY DISTRIBUTION CO.LTD.



WBSEDCL

(A Government of west Bengal Enterprise)

OFFICE OF THE CHIEF ENGINEER

(Procurement & Contracts)

Bidyut Bhavan (4th Floor), Block-DJ, Sector-II
Bidhannagar , Kolkata-700091

Sub: Rate Contract for Manufacturing, Testing, Supply and Delivery of GI Stay Set -HT & LT and GI Earth Spike against NIT No.- P-55/2022-23/GISS/RC/PC-IV
Opened on 13.02.2023 (Validity for two years w.e.f. 05.09.2023 to 04.09.2025).

Order no: P&C/P-55/2022-23/GISS/RC/PC-IV/268-312 Dated 05.09.2023.



WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED
(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer: Procurement & Contracts Department

Vidyut Bhaban (4th Floor): Bidhannagar : Block-DJ, Sector-II, Kolkata-700 091

Phone No. 033-2359-8397: Fax No. 033-2359-1921 / e-mail - procurementdept@wbsecl.in

WBSEDCL

CIN- U40109WB2007SGC113473, website: www.wbsecl.in GSTIN No.19AAACW6953H1ZX

Memo No: P&C/P-55/2022-23/GISS/RC/PC-IV/268-312

Date: 05.09.2023

To,
M/S

SUB: Rate Contract order for genuine & capable manufacturer for enlistment as vendor i.r.o. manufacturing, testing, supply & delivery of GI Stay Set-HT & LT and GI Earth Spike against NIT No.- P&C/P-55/2022-23/GISS/RC/PC-IV, Opened on 13.02.2023.

Ref:- Memo No- P&C/P-55/2022-23/GISS/RC/PC-IV/267, Dated-05/09/2023 of the CE (P&C), WBSEDCL.

Dear Sir(s)

In continuation of our earlier office order vide above mentioned reference, we are pleased to inform you that you have been enlisted as an approved vendor for manufacturing, testing, supply & delivery of GI Stay Set – HT & LT and GI Earth spike at the rates stipulated in the schedule and subject to compliance of Company's Terms & Conditions as annexed below with effect from 05.09.2023 to 04.09.2025 (for two years).

Terms & Conditions

1. Annexure-I : General conditions of contract : Commercial.
2. Annexure-II : Technical Specification.
3. Annexure-III : Specimen copy of Letter of intent (LOI)
4. Annexure-IV : Specimen copy of Formal Order.

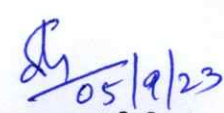
Schedule of Rates

5. Annexure-A : Price & Rates for GI Stay Set- HT, GI Stay Set_ LT and GI Earth Spike.
6. Annexure-B : List of enlisted vendors.
7. Annexure-C : PV formula in the light of IEEMA.
8. Annexure-D(i&ii) : Format for test results.
9. Address of Factory : As mentioned in Annexure-B

10. Area of Operation : Area of operation will be anywhere within the State of West Bengal and placement of order will be decided by the controlling officers based on their requirement.

Please acknowledge the receipt of this order and convey your acceptance for the same within ten (10) days from the next date of issue of this order.

Encl: Annexure-I,II,III,IV,A,B,C & D(i&ii).


05/9/23
Chief Engineer (Procurement & Contracts)
WBSEDCL



WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer: Procurement & Contracts Department

Vidyut Bhaban (4th Floor): Bidhannagar : Block-DJ, Sector-II, Kolkata-700 091

Phone No. 033-2359-8397: Fax No. 033-2359-1921 / e-mail - procurementdept@wbasedcl.in

CIN- U40109WB2007SGC113473, website: www.wbasedcl.in GSTIN No.19AAACW6953H1ZX

Memo No. P&C/P-55/2022-23/GISS/RC/PC-IV/268-312(i-xxviii)

Date:05.04.2023

Copy forwarded for information & necessary action to:

1. The Executive Director (Dist.), WBSEDCL.
2. The Chief Engineer (Dist. South), WBSEDCL.
3. The Chief Engineer (Dist. North), WBSEDCL.
4. The Chief Engineer (RE), WBSEDCL.
5. The Chief Engineer (DTD), WBSEDCL.
6. General Manager (F&A), Corporate, WBSEDCL.
7. The Zonal Manager, Kolkata/ Midnapore/ Burdwan/ Berhampore/ Siliguri/ (D) Zone, WBSEDCL – are requested to circulate this order to the Regional Managers and Divisional Managers under their jurisdiction.
8. The AGM (F&A), P&C Department, WBSEDCL.
9. The Superintending Engineer, Inspection, P&C Dept. WBSEDCL.
10. The Superintending Engineer, Monitoring, P&C Dept. WBSEDCL.
11. The Superintending Engineer, Central Store-Cord Road, WBSEDCL.
12. The Resident Audit Officer, 10th floor, Vidyut Bhavan, Kolkata-91.
13. The Sr. Manager (Indirect Tax Cell), WBSEDCL, Vidyut Bhavan, Kolkata-91.
14. The Sr. Manager (F&A), P&C Dept. WBSEDCL.
15. The Sr. Manager/ Asst. Manager/ Jr. Manager(Store), Chinsurah/ Burdwan/ Midnapore/ Shantipur/ Malda/ Siliguri Zonal Store, WBSEDCL.
16. The PS to Chairman & MD, WBSEDCL.
17. The PS to Director (Dist.), WBSEDCL.
18. The PS to Director (Finance), WBSEDCL.
19. The Office Executive (Purchase), P&C Dept., WBSEDCL.

N.B.: This order has been issued as per approval of the BOD, Vide meeting no: 115.

[Signature]
05/04/23

[Signature]
05/04/23
Chief Engineer (Procurement & Contracts)
WBSEDCL

[Signature]
05/04/23

Annexure -I

GENERAL CONDITIONS OF CONTRACT: COMMERCIAL	
1.	VALIDITY OF RATE CONTRACT ORDER: This rate contract order will be in force w.e.f. 05.09.2023 and will remain valid up to 04.09.2025 (for two years).
2.	EARNEST MONEY CUM SECURITY DEPOSIT: <ul style="list-style-type: none">a) Earnest Money cum Security Deposit amounting Rs. 300000/- (Rupees Three lakh only) will be act as security deposit for successful bidders and remain valid for the entire period of Rate Contract.b) The Earnest Money cum Security Deposit will be released only after expiry of Rate Contract Order on successful completion of the enlistment period of the Rate Contract Order by the party.c) No claim shall be made against the Company in respect of interest on the Deposit.d) This Earnest Money cum Security Deposit will be released for unsuccessful bidders after finalization of Enlistments.e) The Deposit is liable to be forfeited in case of non-compliance of the Rate Contract Order or failure to complete delivery as per terms of the order within the scheduled delivery period.f) No further provision of taking any Security Deposit at the time of order from the site.
3.	ENLISTMENT: Enlistment is for a period of two years for the successful parties who will accept all terms & conditions of the contract and rates arriving from the tender. The enlistments of the parties will be considered after obtaining the reports of a central inspection team after physical inspection of factory premises as applicable on the basis of technical capability of their particular workshop and also on the basis of the commercial ability of the party. Change in place or shifting of Workshop from the existing place to a new place should not be allowed for the entire enlistment period.
4.	CONTROLLING OFFICER: The Zonal Manager/ Regional Manager/ Divisional Manager concerned will be the Controlling Officer of the work. He will ascertain the quantity required under his jurisdiction and place a letter of intent against the Rate Contract Order from the enlisted supplier.
5.	PLACEMENT OF ORDER & JOB SCHEDULE: A Letter of intent (LOI) as well as the Formal Order will be issued by the Controlling Officer concerned. The suppliers from the enlisted vendor will be first being served with LOI for supplying the material. After the LOI is received, the suppliers have to submit the offer and to submit the documents of an existing LOI/Order from other offices (with proper documents). On receipt of the offer of supply from the party, the controlling officer will place the final order. Unwillingness for accepting the LOI/Order without proper reasons should be recorded and a report should be sent to the office of the Chief Engineer (P&C), WBSEDCL for taking penal measurers, if necessary.

6.	<p>TERMS OF PAYMENT:</p> <p>All arrangements for payments will be made by the Controlling Officer in accordance with the following terms:</p> <p>90 % payment (inclusive of price variation as applicable) along with 100 % GST will be made within 45 (forty-five) days from the date of submission of bill against the original receipted Challan/Invoice signed by the Officer-In-Charge of the respective stores and a balance 10 % payment will be made within 45 (forty-five) days from the date of submission of bills along with SRV.</p> <p>The prices will be net and variable without any ceiling limit and for free delivery by road to store including packing, forwarding, transit insurance, freight charges, loading and unloading but excluding GST (as applicable) which will be paid extra against submission of bill and documentary evidences.</p> <p>Price variation is applicable only on Ex-works prices without any ceiling limit as per the IEEMA price variation formula with a base date as mentioned in the tender.</p> <p>Head of the Accounts of the office of the controlling officer will be the paying authority.</p>
7.	<p>GUARANTEE:</p> <p>In the event of any defect in the equipments/materials arising out of faulty design, materials, workmanship within a period of 12 (twelve) months of commissioning or 18 (eighteen) months from the date of last dispatch of any integral part of the equipments/materials whichever is earlier, the supplier shall guarantee to replace or repair the same to the satisfaction of the purchaser. Should, however, the supplier fails to do so within reasonable time the Company reserves the right to effect repair or replacement by any other agency and recover charge for repair or replacement from the supplier.</p>
8.	<p>TESTING:</p> <p>Acceptance testing of the materials will be carried out by the Zonal/Regional Testing Unit at the factory premises as per IS:2086:1993 by an officer of WBSEDCL not below the rank of Assistant Engineer.</p> <p>a) CALIBRATION:</p> <p>During an inspection, Inspecting Officer may claim that the instruments/equipments required for Inspection & Testing should have valid calibration as per following guideline:</p> <p>Calibration Certificate issued by laboratory accredited by NABL may be accepted unconditionally provided the certificate bears an Accreditation body Logo.</p> <p>Calibrated instruments/equipments should be in sealed condition by the laboratory (from where it is calibrated) in such a way that any adjustment, replacement, introduction could not be possible without tampering the seal which was provided by the said laboratory.</p> <p>Necessary confirmation regarding calibration is to be given along with an inspection offer for supplying the materials failing which the Inspection offer will not be accepted.</p> <p>If during inspection & testing, the suppliers fail to produce Calibration Certificate as indicated above, the offered lot may be rejected.</p>

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	<p>b) INSPECTION:</p> <p>The Supplier should notify the concerned Controlling Officer and Zonal/Regional Testing Unit well in advance about the readiness of the material at their works with the necessary Works Test Certificate along with a list of current Calibration Certificate of testing equipment & instruments. Testing will be arranged by the ordering authority in consultation with Zonal/Regional Testing to carry out / witness the tests on a mutually agreed date. The Inspecting/Testing officer reserves the right to reject materials found to be not complying with the requirement of the technical specifications.</p> <p>INSPECTION & TESTING:</p> <p>The materials/equipments shall be subjected to test as per relevant Indian Standards and as per our technical specification. WBSEDCL reserves the right to depute its Engineers for carrying out inspection and testing on the offered lot as per relevant Indian Standards & our Technical Specification and also reserves the right to reject either raw materials or finished products found to be not complying with the requirement of the specifications and standards.</p> <p>The supplier shall give at least 15 (fifteen) days prior intimation about the readiness of the materials/equipments at their works for testing and inspection. The supplier shall extend all facilities for such inspection and testing for which no extra cost shall be charged and the inspection report shall have to be signed jointly, otherwise the offered lot(s) shall be treated as cancelled.</p> <p>WBSEDCL reserves the right to carry out in house testing of the supplied materials at destination stores in the presence of an authorized representative of the manufacturer. In case they are not present, the company will Test unilaterally and the result will be binding on them. The company reserves the right to cancel the specific lot and, in that event, materials are to be replaced by the manufacturer free of cost, including the transportation from the site to their works and back.</p> <p>c) RE-TESTING CHARGE:</p> <p>In case of failure to present the offered equipments/materials during inspection (fake offer) or failure in two consecutive inspections of any particular lot of offered materials/equipments, re-testing fee will be charged @ Rs. 5,000 /- plus GST (within the State of WB) or @ Rs. 10,000 /- plus GST (outside State) for carrying out each subsequent inspection of that particular lot after the re-offer. The date of re-offer will be the date of submission of re-offer along with W.T.C & copy of D.C.R.</p>
9.	<p>DISPATCH:</p> <p>The supplier, after receiving dispatch clearance from the respective inspection Authority/Purchaser, shall deliver the equipments/materials suitably packed to the stores located in West Bengal as instructed. The materials are to be booked by road only and the same should be suitably packed and fully insured against all risks and deliver the consignment as per dispatch instructions to be communicated in due course. Immediately after dispatch of materials/equipments by road, the supplier shall notify the purchaser and consignee officer about the value of consignment, weight and dimension of consignment by FAX, and by Registered Post, the relevant documents on the strength of which the consignment can be taken delivery at destination. Material/equipment as per dispatch clearance shall have to be dispatched within the stipulated period of the order and inspection of further lots against the said order will be arranged by the inspection authority.</p>

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	In case the inspected materials/equipments are not delivered within one month after the stipulated period of order, without any valid reasons, the dispatch clearance already issued against the said lot shall be considered to be withdrawn and material/equipment shall have to be re-offered for inspection and testing and re-testing charges as per Clause-8(c) will be applicable for such cases also.
10.	PACKING: The materials/equipments shall have to be securely packed in transportable lots as instructed by the ordering authority. If the materials/equipments are found acceptable after inspection and testing, the same shall be suitably sealed by our Inspecting Officer. Due care shall have to be ensured during transportation to keep the packing and seal intact for acceptance by consignee stores.
11.	DELIVERY: a) Commencement period with firm quantity in the delivery schedule of the order shall have to be maintained. b) The date of receipt of offer for inspection of the materials/ equipments along with works test certificate will be treated as the date of delivery of that particular lot provided the materials pass in inspection and testing. Delay in offer beyond the delivery schedule to be incorporated in the next order shall attract imposition of LD as per LD clause. The materials should reach the destination store within 15 days from the date of issue of the Dispatch Instruction otherwise LD will be levied as per the LD clause. c) Checking of Material/Equipment after Delivery: The materials delivered to consignee stores may be subjected to re-inspection/ re-testing in the presence of an authorized representative of suppliers for which due notice in advance will be intimated by the controlling officer. If any discrepancy/ dispute in quality arises in any sample selected from a lot, the supplier shall have to replace that specific lot at the Supplier's cost and WBSEDCL reserves the right to take any penal action whatsoever without any further reference.
12.	LIQUIDATED DAMAGE FOR DELAY IN DELIVERY: The time of delivery (successful offer for inspection) of the equipments/materials are to be treated as an essence of the contract and WBSEDCL reserves the right to repudiate the contract, if the equipments/materials are not offered for inspection within a scheduled delivery period and physically delivered within stipulated period as per physical delivery clause. But the Controlling Officer may at his discretion waive this condition and accept the material with imposition of liquidated damage @1/2% of the value of the materials of the particular lot offered and/or delivered beyond the scheduled delivery period for each week of delay or part there of up to 10 (ten) weeks and @ 1% of the value per week beyond 10 weeks subject to maximum of 10% of the particular lot and accept the goods beyond the stipulated period. Liquidated damage, if any involved, shall be recovered from the outstanding bills/Bank Guarantee.
13.	ADDITIONAL LIABILITIES: The WBSEDCL shall not take any additional liability towards enhanced taxes beyond the scheduled delivery period as incorporated in the purchase order, if the delay is due to any failure on the part of the supplier.
14.	IMPORT & EXPORT LICENCES: For imported equipment, orders will be subject to the grant of an import license by the appropriate authority. The purchaser will arrange for the necessary license.

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	<p>The tenderer offering equipment manufactured outside India shall clearly state in his tender that there is no export restriction in the country of manufacture and the manufacturer do not anticipate any difficulty in obtaining the necessary export license within a reasonable time before final enlistment.</p>
15. RISK PURCHASE:	<p>The time of delivery (offer for inspection) or physical dispatch stipulated in the order issued by the controlling officer shall be deemed to be of the essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the said order/contract/letter of intent, the purchaser shall be entitled to purchase such consignment or if not available, the best and nearest available substitute elsewhere on the account and at the risk of the supplier or to cancel the contract and the supplier shall be liable to compensate for any loss or damage which the purchaser may sustain by reason of such failure on the part of the supplier. The Company at its discretion may not issue a subsequent order if an earlier order is not executed properly.</p> <p>If there is a failure to execute the contract fully, WBSEDCL reserves the right to invoke deposit/cash to the extent of loss so suffered by the WBSEDCL on risk purchase or otherwise, and may deduct the additional amount, if any, so incurred by the Company from other claim bill lying with the WBSEDCL.</p>
16. ACCEPTANCE AS ENLISTED SUPPLIER:	<p>WBSEDCL will communicate acceptance as an enlisted contractor to the successful bidder/tenderer by a letter along with the Rate Contract. The successful tenderer shall communicate the acceptance of the Rate Contract Order.</p>
17. CONCESSION:	<p>No price preference will be allowed to any tenderer based on the size of the industry or its geographic location. Co-operative Society will not be considered with separate status.</p>
18. RESERVATION:	<p>WBSEDCL reserves the right to deviate from any of the terms and conditions stated herein and to split up the orders as and when necessary and reject any or all tenders unilaterally and is not bound to accept the lowest rate or may not consider the tenderer as an enlisted supplier though he quoted the lowest rate.</p>
19. LEGAL JURISDICTION:	<p>If any dispute or difference arises with respect to the quality/quantity of the equipments/materials pertaining to the order or any other terms and conditions of the order including its execution, such dispute/difference shall be subject to settlement under the jurisdiction of Courts in Kolkata only.</p>
20. FORCE MAJEURE:	<p>The supplier shall be under no liability if he is prevented from carrying out any of his obligations by reason of war, invasion, act of foreign country, hostilities (whether war declared or not), riots, civil commotion, mutiny, insurrection, rebellion, revolution, accident, earthquake, fires, floods, Govt. orders and/or restrictions (except power supply restriction) delay or inability to obtain materials due to import or other statutory restriction and other cause beyond the reasonable control of the supplier. However, such force majeure circumstances are to be intimated immediately and to be established subsequently with proper documents/proofs to the entire satisfaction of the purchaser.</p>

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21.	SCHEDULE OF RATES: Enlisted party should supply the material as per "Schedule of Rates" (Annexure-A)
22.	PRICE VARIATION: The price will be variable as per IEEMA Price Variation Formula without any ceiling limit with Base Date as on 01/10/2022. The price variation will be considered only on Ex-works price by multiplying factor for the month of delivery of materials, which is to be obtained by putting the values in the IEEMA Price Variation Formula, will be declared in every alternate month from the office of the Chief Engineer (Procurement & Contracts) and will be published in the website (www.wbsedcl.in) of WBSedCL. The date of receipt of offer for inspection of the materials/ equipments along with works test certificate will be treated as the date of delivery of that particular lot provided the materials pass in inspection and testing. The GST will be paid on the total value of "updated Ex-works price" plus "F&I value" as stated in the price list.
23.	CANCELLATION/ TERMINATION OF ORDER (if placed)/ENLISTMENT: The time period for effecting regular supply and delivery of the materials/equipments as per the LOI/Order, issued by the controlling officer, shall have to be treated as the essence of the contract. The Company reserves the right to repudiate the contract if the terms and conditions of the order are not strictly adhered to. In the event of failure in effecting the desired supply and delivery of the above equipments/materials as incorporated in the LOI/Order from controlling officer, the above order may be cancelled on submission of the necessary notice in this regard. For two such occurrence of cancellation of order in WBSedCL jurisdiction may cause Cancellation of Enlistment of the party for rest of the period of Enlistment. Unwillingness for accepting the LOI/Order may also cause cancellation of Enlistment of the party for rest of the period of Enlistment and Holiday listing of the party for a period of five years.
24.	TECHNICAL SPECIFICATION: As enclosed.
25.	FORMATION OF CARTEL & PENAL MEASURES: Any evidence of unfair trade practice, including overcharging, price fixing, cartels etc. as defined in various statutes, will automatically disqualify the parties with forfeiture of Earnest Money cum Security Deposit as per Clause (2) of the GCC. Repeated occurrence of such evidence of above tenderers may also be viewed seriously by the WBSedCL authority and penal measures as deemed fit would be imposed on such tenderers.
26.	AREA OF OPERATION: The area of operation will be anywhere within the State of West Bengal and placement of order will be decided by the Controlling Officers based on their requirement.
27.	E-Way Bill: If a Way Bill is required for transportation of materials/equipments, the same may be generated by the Supplier against the WBSedCL's GSTIN '19AAACW6953H1ZX'. The way bill generated against DI/PO is to be intimated to the Sr. Manager (F&A), Indirect Tax Cell, Vidyut Bhavan (6 th floor), Kolkata-700091 immediately.

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Annexure-II

(Technical specification i.r.o. GI Stay Set- HT & LT and Earth Spike)

TECHNICAL SPECIFICATION FOR GI Stay Set- HT & LT			
1.	SCOPE : The specification covers the details of the Galvanized Stay Set both in HT & LT complete with stay rod, stay plate, Bow, Cross Head, Ratchet Nut and a Thimble.		
2.	The sizes of stay rods are stated below, line dimensions for other parts like bow plate etc. are not stated in details here and shall be as per this office drawing no.- S&P/MC/MISC/7 and S&P/MC/Misc/6 for HT & LT respectively.		
	Sl. No.	Length	Dia
	(i)	1830 mm	20 mm
	(ii)	1680 mm	16 mm
			Length of the threaded portion
			300 mm (HT)
			300 mm (LT)
	The raw material as required for manufacture shall comply with the relevant latest IS with all amendments, additions and alteration to obtaining the required strength.		
3.	MECHANICAL PARTICULARS: The complete 1830 mm & 1680 mm long stay sets, should withstand minimum breaking loads of 7900 Kg & 5100 Kg respectively.		
4.	GENERAL REQUIREMENT:		
4.1	The rods, cylindrical portion of the bow, plates, nuts and thimble shall be of steel to comply with the requirements as stated in clause-2 of this specification.		
4.2	The cross-head of the bow should be made of sound, strong iron casting.		
4.3	The rods shall be well forged and free from flaws and other defects and the heads shall not fail when the rods are tested to fracture at their full strength by tensile stress. The rods shall have square neck.		
4.4	The sides of each bow shall be well reverted into the cross head and shall not come out from the cross head when bow is tested to fracture by tensile stress.		
4.5	The ratchet nuts and ratchet face of cross heads shall be well in form to match each other.		
4.6	The screw thread design of the stay rod and nut should be as follows: M 16 x 2-7H/8g for 16 mm diameter stay rods and Y 20 x 2.5-7H/8g for 20 mm rod and sizes of the threads should be as per IS:4218 (Part-VI) 1967 (tables for coarse pitch series). The screw threads of rods and nuts shall be properly lubricates at the time of supply.		
4.7	The stay plate shall be freely be out and punched and will be free from cracks after punching.		
4.8	The rods cross heads, bows, ratchet nuts, thimbles and plates shall be smoothly and continuously hot-dip galvanized. The galvanizing shall be heavy. The screw threads of the rods, ratchet nuts shall be out after galvanizing. The nuts shall be well finished before galvanizing.		
4.9	The thimbles shall be made from 2.64 mm (12 SWG) thick MS Fit. The size of the thimbles shall be follows:		
		HT	LT
	Length:	70 mm	65 mm
	Breadth:	47 mm	45 mm
	Width:	20 mm	16 mm

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4.10	Plants & Machinery: The following Plants and Machineries are required. <ol style="list-style-type: none"> 1. Power Press 2. Drill M/C 3. Grinding M/C 4. Welding M/C 5. Shearing M/C 6. Blower 7. Bending Unit 8. Forging Unit 9. Black Smith Unit
5.	TESTING & TEST CERTIFICATE:
5.1	Testing Instruments/Equipments: The following Testing Instruments/Equipments are required. <ol style="list-style-type: none"> a. Instrument for Tensile Strength Test for Breaking Load (For Stay set). b. Instruments/Equipments for Galvanizing Test: (Chemicals required should be purchased from recognized shop and cash memo should be produced during testing). <ol style="list-style-type: none"> 1. Hydrometer 2. Chemical Balance 3. Weighing Machine c. Dimension Checking Tools/Instruments: <ol style="list-style-type: none"> 4. Steel Tape & Scale 5. Vernier Caliper <p>(All instruments/equipments having valid test/calibration certificates from a Govt. recognized organization, NABL accredited with NABL logo).</p>
5.2	Testing Procedure: <p>The quality of galvanizing shall be determined by tests as given in the relevant IS with all amendments and alternations.</p> <p>The finished and complete stay seats when subjected in tensile stress as per relevant IS shall comply with the minimum breaking load as stated in clause-3 of this specification.</p> <p>Eight copies of test certificate shall have to be furnished along with the offer of inspection for our approval.</p> <p>In case, the complete stay sets are found, even subsequent to delivery failing to comply with relevant tests the whole lots will be liable for rejection. The rejected materials shall have to be taken back by the supplier at his own cost from the purchaser's store within seven days from the date of receipt of intimation in this respect.</p>
6.	INSPECTION: <p>The purchaser reserves the right to depute representative to witness the production and testing at the works of the manufacturer. The manufacturer shall afford all reasonable facilities without charge to the inspector representing the purchaser to satisfy him that the materials are being furnished in accordance with the specification. The Purchaser also reserves the right to reject the raw materials or the finished products if the same are found to be not confirming to the requirement of this specification.</p> <p>The following tests will be carried out by our inspecting Engineers before acceptance of any materials.</p>

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	<ol style="list-style-type: none"> 1) Tensile strength test for a breaking load on 1% of the offered lot upto a maximum of 5 nos. 2) Galvanizing test as per the relevant IS will be carried out on 1% of the offered lot up to a maximum of 5 nos. 3) Dimensional check up on 1% of the offered lot up to a maximum of 10 nos.
7.	<p>ACCEPTANCE CRITERIA:</p> <p>A. For 1st sample:</p> <ol style="list-style-type: none"> a) Failure upto 1/5th of individual components in each of the above test will conform the lot for acceptance, but in case of dimensional check, failure up to 1/5th will be restricted as follows: <ol style="list-style-type: none"> i) 1% on total length of the stay rod. ii) 7½ % on individual portion except rod length. b) If the failure in any of the individual components in each of the above tests is more than 1/5th but less than or equal to 2/5th re-sampling in the same manner will be made for the tests in which failed. c) However, if the failure of the individual components in any of the above tests is greater than 2/5th then whole lot will be rejected. <p>B. For 2nd sample:</p> <p>In case of failure rate for second sample is within the limit, as indicated in clause A (a) above, the lot will confirm for acceptance.</p> <p>However if the failure of the individual components in each of the above tests is greater 1/5th the whole lot will be rejected.</p>
8.	<p>MARKING:</p> <p>Manufacturer's identification marking are to be embossed on the casting portion of the bow and to be punched on the head of the Stay rod.</p>
9.	<p>PACKING:</p> <p>The stay plates shall be packed separately in an approved manner and shall contain not more than 20 plates in one packing.</p> <p>The bow with cross head, thimble and ratchet nut shall be fitted in the stay rod and bundled together so as to contain not more than 10 such sets in any bundle. The threaded portion of the stay sets is to be properly protected from damage.</p>
10.	<p>TOLERANCE:</p> <p>The following tolerance will be allowed in case of stay set both HT & LT.</p> <ol style="list-style-type: none"> a) -5 % tolerance on individual portion except rod length. b) -½ % tolerance on total length of the stay rod. c) Any tolerance on positive side will be acceptable.
11.	<p>DRAWING:</p> <p>The drawings enclosed with the specification will be applicable. No further submission & approval of drawings will be required.</p>
12.	<p>PRICE:</p> <p>The prices will be net and variable without any ceiling limit and for free delivery by road to store including packing, forwarding, transit insurance, freight charges, loading and unloading but excluding GST (as applicable) which will be paid extra against submission of bill and documentary evidences.</p> <p>Price variation will be applicable only on Ex-works prices without any ceiling limit as per IEEMA price variation formula with base date as mentioned in the tender.</p>

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TECHNICAL SPECIFICATION FOR GI EARTH SPIKE	
1.	<p>SCOPE: This specification covers the technical details of GI Earth Spike complete with the necessary fittings.</p>
2.	<p>The Earth Spike should be 1853 mm (i.e. 25+1752+76) long, fabricated from 20 mm dia MS Rod, the bottom of which to be made cut of the same rod in the shape of a cone-76 mm long and the forged head made out of the same rod with 30 mm (dia) = 25 mm (height). The earthing arrangements should consist of GI bolt/nut and washers. The Earth Spike will be as per this office drawing no.- S&P/MC/Misc/8.</p> <p>The raw materials, as required for manufacture, shall comply with the relevant latest IS with all amendments, additions and alteration, for obtaining the required strength.</p>
3.	<p>The rod including the head portion should be smoothly and continuously hot dip galvanized as per relevant IS. Other portion i.e. bolts, nuts and washers should be hot dip galvanized or Zinc electro-plated. For Zinc electro plating manufacturers will have to give undertaking for satisfactory performance in the Test Certificate while offering inspection.</p>
4.	<p>No crack should develop and deformation in the top head and/ or bending of rod should not be appreciable while the rods will be driven into the ground by the application of heavy intermittent block not less than 7.5 Kg Hammer and in a manner as is usual for driving rods into the grounds.</p>
5.	<p>Plants & Machinery: The following Plants and Machineries are required.</p> <ol style="list-style-type: none"> 1. Power Press 2. Drill M/C 3. Grinding M/C 4. Welding M/C 5. Shearing M/C 6. Blower 7. Bending Unit 8. Forging Unit 9. Black Smith Unit
6.	<p>TESTING & TEST CERTIFICATE:</p>
6.1	<p>Testing Instruments/Equipments: The following Testing Instruments/Equipments are required.</p> <ol style="list-style-type: none"> a. 7.5 Kg Hammer or Heavy intermittent block for strength and penetrating quality test (For Earth spike). b. Instruments/Equipments for Galvanizing Test: (Chemicals required should be purchased from recognized shop and cash memo should be produced during testing). <ol style="list-style-type: none"> 1. Hydrometer 2. Chemical Balance 3. Weighing Machine c. Dimension Checking Tools/Instruments: <ol style="list-style-type: none"> 4. Steel Tape & Scale 5. Vernier Caliper <p>(All instruments/equipments having valid test/calibration certificates from a Govt. recognized organization, NABL accredited with NABL logo).</p>

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6.2	Testing Procedure:
	The quality of galvanizing shall be determined by tests as given in the relevant IS with all amendments and alternations.
	No crack should develop and deformation in the top head and/ or bending of rod should not be appreciable while the rods will be driven into the ground by the application of heavy intermittent block not less than 7.5 Kg Hammer and in a manner as is usual for driving rods into the grounds.
	Eight copies of test certificate shall have to be furnished along with the offer of inspection.
	In case, the complete earth spike is found, even subsequent to delivery failing to comply with relevant tests the whole lots will be liable for rejection. The rejected materials shall have to be taken back by the supplier at his own cost from the purchaser's store within seven days from the date of receipt of intimation in this respect.
7.	<p>INSPECTION:</p> <p>The purchaser reserves the right to depute representative to witness the production and testing at the Works of the manufacturer. The manufacturer shall afford all reasonable facilities without charge to the inspector representing the purchaser to satisfy him that the materials are being finished in accordance with the specification. The purchaser also reserves the right to reject the raw materials or the finished products if the same are found to be not conforming to the requirement of this specification.</p> <p>The following tests will be carried out by our inspecting Engineers before acceptance of any materials.</p> <p>i) Galvanizing tests as per the relevant IS on 1% of the offered lot up to the maximum of 5 Nos.</p> <p>ii) Dimensional check on 1% of the offered lot upto the maximum of 10 nos.</p>
8.	<p>ACCEPTANCE CRITERIA:</p> <p>A. For 1st sample:</p> <p>(a) Failure in Galvanizing test and dimensional check up to 1/5th will confirm the lot for Acceptance. But in case of dimensional check failure up to 1/5th will be restricted upto as follows:</p> <p>i) 1 % on total length.</p> <p>ii) 7 ½% on other dimension except 15 mm, 25 mm & 40 mm of small forged portion.</p> <p>iii) No failure will be accepted in 15 mm, 25 mm, & 40 mm of small forged portion. If the failure is beyond the above tolerance, re-sampling may be made.</p> <p>(b) If the failure in each of the above tests are more than 1/5th but less than or equal to 2/5th re-sampling in the same manner will be made for the tests in which failed.</p> <p>(c) However, if the failure in any of the above tests is greater than 2/5th the whole lot will be rejected.</p> <p>B. For 2nd sample:</p> <p>In case of failure rate is within the limit as indicated in clause A (a) above the lot will conform for acceptance.</p> <p>However, if the failure in any of the above tests is greater than 1/5th the whole lot will be rejected.</p> <p>No re-sampling will be made in case of failure in stress tests by hammering.</p>

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	Any defect found during Inspection/Testing of the Earth Spike or after delivery in the site in respect of Galvanizing, welding and in the quality of the associated materials shall make the whole lot liable for rejection. The rejected materials shall be taken back by the supplier at his own cost from the place of delivery within ten days from the date of intimation in this respect. Earth Spike with all fittings mounted on them shall be supplied in bundles of ten.
9.	TOLERANCE: -½ % on total length. -5 % on other dimensions. -10 % on 15 mm, 25 mm & 40 mm of small forged portion. Any tolerance on the positive side will be accepted.
8.	DRAWING: The drawing enclosed with the specification will be applicable. No further submission & approval of drawing will be required.
9.	MARKING: Manufacturer's identification marking is to be punched on the Head of the Earth Rod.
10.	PRICE: The prices will be net and variable without any ceiling limit and for free delivery by road to store including packing, forwarding, transit insurance, freight charges, loading and unloading but excluding GST (as applicable) which will be paid extra against submission of bill and documentary evidences. Price variation will be applicable only on Ex-works prices without any ceiling limit as per IEEMA price variation formula with base date as mentioned in the tender.

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Guaranteed Technical Particulars

GI Stay Set -HT & LT & GI Earth Spike

Sl. No. Part	Particulars	Remarks
1.	Maker's Name & Address & Phone No.	-----
2.	Trade Mark, if any	-----
3.	Materials used for manufacturing the item/items as per Technical Specification	Yes
4.	Ready to follow various dimensions of these item/items is/are as per Technical specification and as per drawing of each item.	Yes
5.	Ready to supply the item/items within the tolerance limit as specified in the technical specification.	Yes
6.	Having proper arrangements and equipments for carry out the tests as mentioned in the technical specification.	Yes
7.	Ready to carry out Marking, Packing etc.	Yes
8.	Ready to follow other particulars as per specification.	Yes

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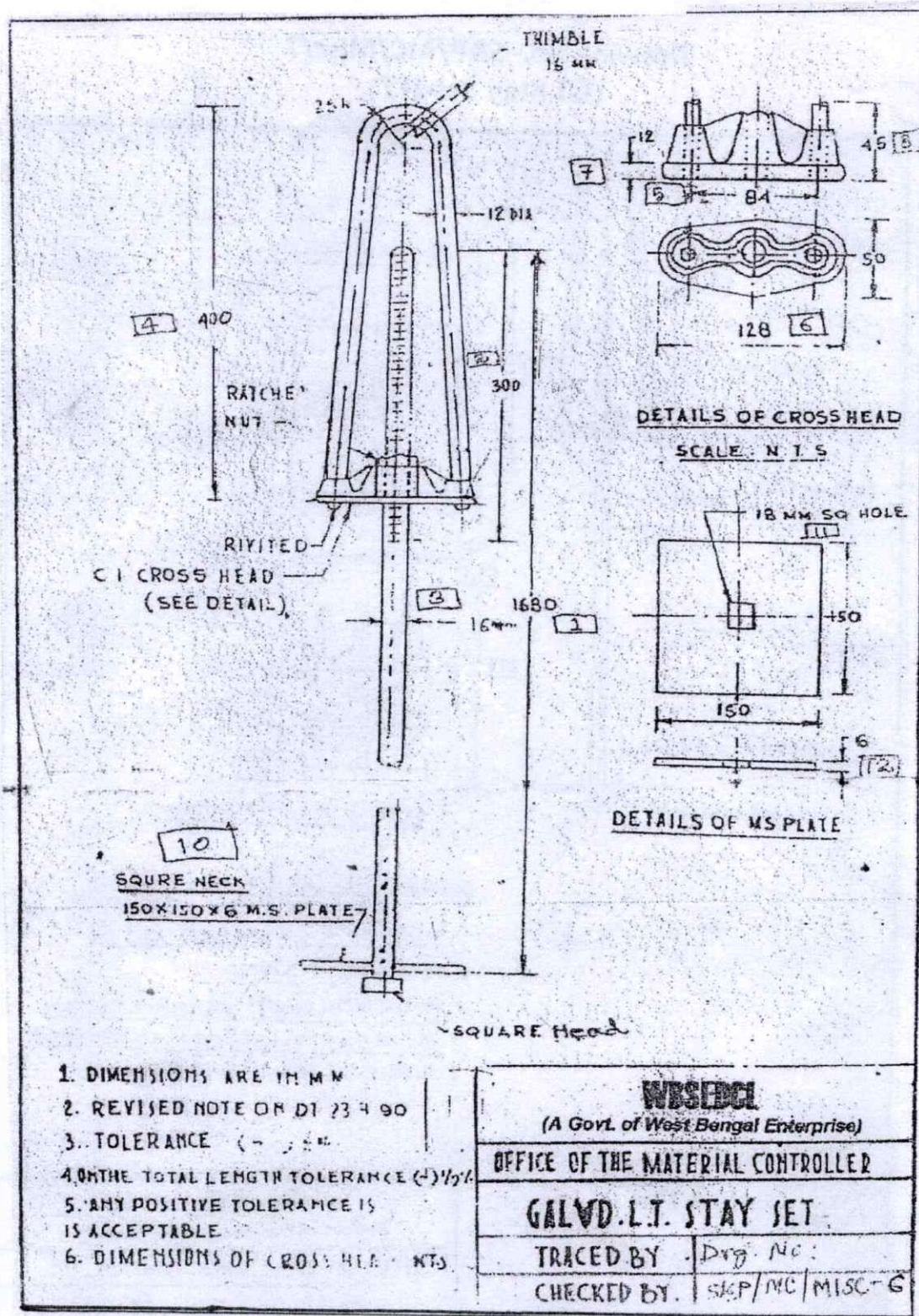
Drawing
Of
GI Stay Set –HT & LT
and
GI Earth Spike

GI Stay Set-LT- Drawing No.- S&P/MC/Misc/6

GI Stay Set-HT- Drawing No.- S&P/MC/Misc/7

GI Earth Spike- Drawing No.- S&P/MC/Misc/8

**Drawing No.- S&P/MC/Misc/6
(GI Stay Set-LT)**

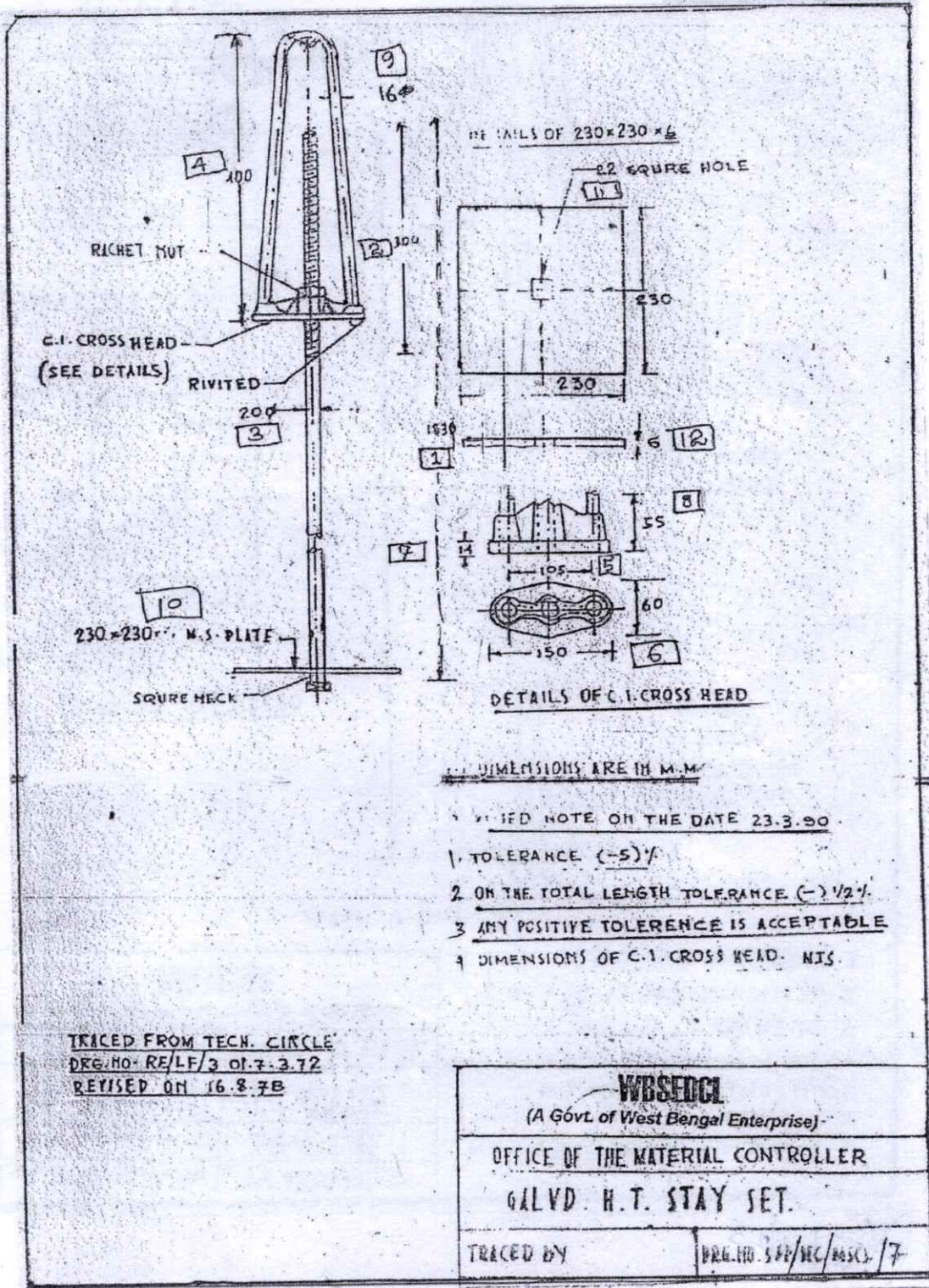


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Drawing No.- S&P/MC/Misc/7
(GI Stay Set-HT)

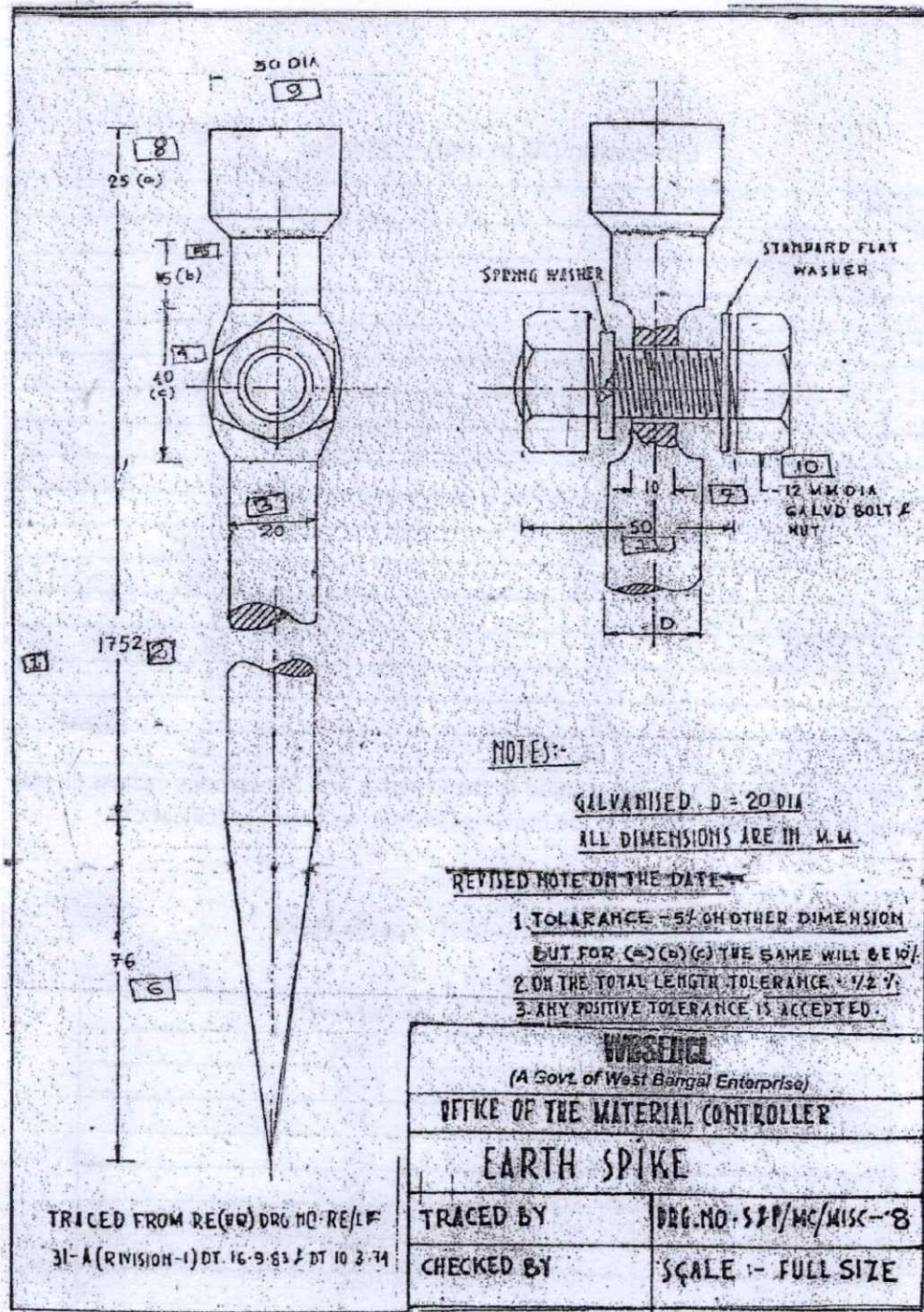


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**Drawing No.- S&P/MC/Misc/8
(GI Earth Spike)**



PK 05/09/23

SP 3/9/23

SL 05/9/23

Dimension (All in mm) – Stay Set

Sl. No.	HT	LT
1.	1830	1680
2.	300	300
3.	20	16
4.	400	400
5.	105	84
6.	150	128
7.	14	12
8.	55	45
9.	16	12
10.	230 SQ	150 SQ
11.	22 SQ	18 SQ
12.	6	6
13.	70	65
14.	47	45
15.	20	15
16.	2.56	2.56

Dimensions against Sl. No.- 1 to 12 are marked in the Drawing and Dimensions against Sl. No.- 13 to 16 are for Thimble which is not shown in the drawing (given in technical specification).

Dimension (All in mm) –Earth Spike

Sl. No.	As Approved
1.	1853
2.	1752
3.	20
4.	40
5.	15
6.	76
7.	10
8.	25
9.	30
10.	12
11.	50

Dimensions against Sl. No.- 1 to 11 all are marked in the Drawing.

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[Signature]
05/09/23



WBSEDCL

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer: Procurement & Contracts Department

Vidyut Bhaban (4th Floor): Bidhannagar : Block-DJ, Sector-II, Kolkata-700 091

Phone No. 033-2359-8397: Fax No. 033-2359-1921 / e-mail - procurementdept@wbasedcl.in

CIN- U40109WB2007SGC113473, website: www.wbasedcl.in GSTIN No.19AAACW6953H1ZX

ANNEXURE -III

(Specimen copy of LOI)

Memo No:

Date:

To

M/s.....

Sub: LETTER OF INTENT for manufacture, testing, supply and delivery of GI Stay Set HT & LT and GI Earth Spike for.....Division.

Ref: Rate Contract order communicated vide Memo No:- P&C/P-55/2022-23/GISS/RC/PC-IV/268-312, Dated. 05.09.2023 of the CE(P&C), WBSEDCL.

Dear Sir(s),

We are pleased to place this letter of intent with you for the manufacture, Testing, supply, and delivery of GI Stay Set-HT & LT and GI Earth Spike forDivision. All terms and conditions for the supply of materials will be guided by the rate contract of the Chief Engineer (P&C), WBSEDCL, as stated above. The particulars of the materials are given below:

GI Stay Set-HT: Nos.

GI Stay Set-LT: Nos.

GI Earth Spike:Nos.

Your offers, along with the status of other existing orders from other Zones under WBSEDCL that are in progress, have to be submitted within seven days of the issuance of this LOI.

Yours faithfully,

(.....)

Zonal Manager,

..... (D) Zone.

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CIN- U40109WB2007SGC113473, website: www.wbasedcl.in GSTIN No.19AAACW6953H1ZX

ANNEXURE -IV

(Specimen copy of Formal Order)

Memo No:

Date:

To

M/s.....

Sub: Order for manufacture, testing, supply and delivery of GI Stay Set HT & LT and GI Earth Spike for.....Division.

Ref: (i) Memo No.- P&C/P-55/2022-23/GISS/RC/PC-IV/268-312, Dated- 05.09.2023
of the CE (P&C),WBSEDCL.

(ii) Your Offer No..... Dated-

Dear Sir(s),

With reference to the above, we are pleased to place an order with you for the manufacture, testing, supply, and delivery of G.I. Stay Set (LT & HT) and G.I. Earth Spike at the rates detailed here under against the Rate Contract finalized by the Chief Engineer (P&C), WBSEDCL, with the following terms and conditions:

Sl No.	Description of Materials	Quantity	Unit Ex-Works Price(Rs.)	Unit F&I Charges(Rs.)	Total Amount(Rs.) excluding GST & Price variation as per IEEMA

(Rupees.....only)

Terms & Conditions:

1. Price & Price Variation:

The above rates are variable on Lighter Angle Steel (SBI) and Electrolytic High Grade Zinc (Zn) prices as per IEEMA price variation Formula for Transmission Line Accessories & Hardware (As given in Annexure-C of Rate Contract Order P&C/P-55/2022-23/GISS/RC/PC-IV/268-312,dated 05.09.2023) without any ceiling limit with a base price of Lighter Angle Steel and Zinc as of 01.10.2022 (indicating by suffix zero) and for free delivery to our stores anywhere in.....(D) Zone by road, including packing, forwarding, and un-loading charges and inclusive of transit insurance. Price variation will be governed by the following formula, as mentioned in Rate contract:

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WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED
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CIN- U40109WB2007SGC113473, website: www.wbasedcl.in GSTIN No.19AAACW6953H1ZX

WBSEDCL

$$P = \frac{P_o}{100} \left(20 + 58 \frac{SBIR}{SBIR_o} + 7 \frac{Zn}{Zn_o} + 15 \frac{W}{W_o} \right)$$

P_o	=	Price quoted/confirmed (Exclusive of all taxes & duties).
P	=	Price payable as adjusted in accordance with the above formula.
$SBIR_o$	=	Price of Billets as on Base date.
$SBIR$	=	Price of Billets as applicable for the month, two months prior to the date of delivery.
Zn_o	=	Price of Electrolytic High Grade Zinc as on Base date.
Zn	=	Price of Electrolytic High Grade Zinc as applicable for the month, two months prior to the date of delivery.
W_o	=	Consumer price index number for industrial workers as published by Labour bureau, Ministry of labour, Govt. Of India, as on Base date.
W	=	Consumer price index number for industrial workers as published by Labour bureau, Ministry of labour, Govt. Of India, as applicable for the month, four months prior to the date of delivery.

All the prices and price index as per declaration on IEEMA for Transmission Line & Accessories and hardware are followed here for GI Stay Set-HT & LT and GI Earth Spike.

2. Taxes:

GST (.....%) is to be paid as applicable as per prevailing norms as extra for which GST Registration No. And TDS invoice of the supplier is required. TDS under GST Laws shall be applicable.

3. Inspection and Testing:

The materials/equipments are to be offered for inspection within working days after placement of order to the SE(Testing), Zonal office for carrying out inspection from his end. Also while offering test reports indicating test results, six copies of the reports are to be submitted to SE(Testing), Zonal Office, with a copy to this end.

4. Approval of Drawing:

The Materials are to be supplied as per technical specification attached with this contract (S&P/MC/MISC-6 for GI Stay Set-LT, S&P/MC/Misc-7 for GI Stay Set-HT and S&P/MC/Misc-8 for GI Earth Spike) and no further approval of drawing will be required.

5. Delivery:

The materials shall be accepted on receipt of dispatch instruction from Inspecting Authority & the same are to be delivered within..... Working days from the date of receipt of the dispatch instruction.

The materials are to be delivered at Divisional store at Time being the essence of the contract, a liquidated damage @ 0.5% per week of delay or part thereof should be imposed on you up to 10 weeks and 1% of the value beyond 10 weeks subject to a maximum of 10% of the particular lot.

6. Payment:

After completion of satisfactory delivery of the items, the bills along with the receipted challan, SRV etc. Should be submitted to the Manager, Division/Region/Zone

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through the Store-In-Charge of concerned Divisional Store/Zonal Store, so as to enable to release payment from the office of theManager,.....Division/Zone, kin due course.

Terms of Payment:

90% payment (inclusive of Price Variation as applicable) along with 100% GST will be made within 45 (forty-five) days from the date of submission of bill against original receipted Challan/Invoice signed by the Officer-In-Charge of the respective stores and Balance 10% payment will be made within 45(forty-five) days of submission of bills along with necessary store papers.

7. Paying Authority:

Sr.Manager/Manager (F&A),..... Zone/Division is the Paying Authority.

Please acknowledge the receipt of the order and convey your acceptance early.

All other terms and conditions as per Rate contract order (P&C/P-55/2022-23/GISS/RC/PC-IV/268-312, Dated 05.09.2023) should be followed.

Yours faithfully,

(.....)

Zonal Manager,

.....(D) Zone

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WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

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CIN- U40109WB2007SGC113473, website: www.wbasedcl.in GSTIN No.19AAACW6953H1ZX

WBSEDCL

Memo No P&C/P-55/2022-23/GISS/RC/PC-IV/267

Dated: 05.09.2023

Sub: List of successful bidders and item-wise Rates i.r.o. Rate Contract for manufacturing, testing, supply and delivery of GI Stay Set-HT & LT and GI Earth Spike against NIT No.-P-55/2022-2023/GISS/RC/PC-IV/, opened on 13.02.2023.

Dear Sir(s),

Enclosed please find herewith a list of successful bidders who have been considered for enlistments as approved vendor for manufacturing, testing, supply and delivery of GI Stay Set- HT & LT and Earth Spike (Total 45 nos. of successful bidders have been considered for all three items).

Validity period of the enlistment against this rate contract is two years with effect from 05.09.2023 to 04.09.2025.

The new rate will be applicable as per this new rate contract w.e.f. 05.09.2023.

The BOD of WBSEDCL have approved this Rate Contract in 115th Board meeting dated 12.08.2023.

Formal Orders to individual vendors will be issued shortly. However, before issuance of LOI, Controlling Officers are advised to verify the following.

1. Valid and up to date Trade License.
2. Valid and up to date GST Registration Certificate.
3. Valid and up to date Calibration Certificates.

Encl: 1) Rates of materials (Annexure-A)

2) List of Enlisted Vendors (Annexure-B)

Yours faithfully,

Chief Engineer (Procurement & Contracts)

WBSEDCL



WBSEDCL

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED
(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer: Procurement & Contracts Department

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CIN- U40109WB2007SGC113473, website: www.wbasedcl.in GSTIN No.19AAACW6953H1ZX

Memo No. P&C/P-55/2022-23/GISS/RC/PC-IV/267/(i-xxviii)

Date:05.09.2023

Copy forwarded for information & necessary action to:

1. Executive Director (Dist), WBSEDCL.
2. The Chief Engineer (Dist. South), WBSEDCL.
3. The Chief Engineer (Dist. North), WBSEDCL.
4. The Chief Engineer (RE), WBSEDCL.
5. The Chief Engineer (DTD), WBSEDCL.
6. General Manager (F&A), Corporate, WBSEDCL.
7. The Adviser & Chief PRO, Corporate Communication Department, WBSEDCL- is requested to publish this order at our official website. This is most urgent and important. A scanned copy of this order will be sent to his end through email for this purpose,
8. The Zonal Manager, Kolkata/ Midnapore/ Burdwan/ Berhampore/ Siliguri/ (D) Zone, WBSEDCL – are requested to circulate this order to the Regional Managers and Divisional Managers under their jurisdiction.
9. The AGM (F&A), P&C Department, WBSEDCL.
10. The Superintending Engineer, Inspection, P&C Dept. WBSEDCL.
11. The Superintending Engineer, Monitoring, P&C Dept. WBSEDCL.
12. The Superintending Engineer, Central Store-Cord Road, WBSEDCL.
13. The Resident Audit Officer, 10th floor, Vidyut Bhavan, Kolkata-91.
14. The Sr. Manager (Indirect Tax Cell), WBSEDCL, Vidyut Bhavan, Kolkata-91.
15. The Sr. Manager (F&A), P&C Dept. WBSEDCL.
16. The Sr. Manager/ Asst. Manager/ Jr. Manager(Store), Chinsurah/ Burdwan/ Midnapore/ Shantipur/ Malda/ Siliguri Zonal Store, WBSEDCL.
17. The PS to Chairman & MD, WBSEDCL.
18. The PS to Director (Dist.), WBSEDCL.
19. The PS to Director (Finance), WBSEDCL.
20. The Office Executive (Purchase), P&C Dept., WBSEDCL.
21. All enlisted Vendors.

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Q. 05/09/23
Chief Engineer (Procurement & Contracts)
WBSEDCL



WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

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Phone No. 033-2359-8397; Fax No. 033-2359-1921 / e-mail - procurementdept@wbsecl.in

CIN- U40109WB2007SGC113473, website: www.wbsecl.in GSTIN No.19AAACW6953H1ZX

WBSEDCL

Annexure-A

(Price & Rate)

Item-wise Rates against Rate Contract for Manufacturing, Testing, Supply & Delivery of GI Stay Set-HT, GI Stay Set-LT and GI Earth Spike against NIT No.- P-55/2022-23/GISS/RC/PC-IV opened on 13.02.2023:

SL No.	Description of Items	Unit Ex-Works Price (in Rs.)	Unit F & I (in Rs.)	Total (in Rs.) (Excluding GST)
1.	GI Stay Set-HT	702.00	20.0	722.00
2.	GI Stay Set-LT	388.00	15.0	403.00
3.	GI Earth Spike	322.00	12.0	334.00

1. The price will be net and variable without any ceiling limit and for free delivery by road to store including packing, forwarding, transit insurance, freight charges, loading and unloading but excluding GST which will be paid extra by WBSEDCL against submission of bill and documentary evidences.
2. The variable price shall be based on price variation formula issued by "IEEMA" for "Transmission Line Accessories and Hardware". The base month for calculation of PV will be October 2022 and formula will be as mentioned in Annexure-C.
3. The multiplying factor for increment due to price variation on the basis of PV formula will be declared in every alternate month from the office of the Chief Engineer, P&C, WBSEDCL. The current value of Ex-Works price will be equal to the Ex-Works price as stated above multiplied by the MF as declared by P&C Department, WBSEDCL. The GST will be paid on total value of "updated Ex-Works Price" plus "F & I Charges".

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Annexure-B: List of successful vendors i.r.o. Rate Contract for manufacturing, testing, supply and delivery of GI Stay Set-HT & LT and GI Earth Spike against NIT No.- P-55/2022-23/GISS/RC/PC-IV opened on 13.02.2023.

SL No	COMPANY NAME	OFFICE ADDRESS WITH GSTIN	FACTORY ADDRESS WITH E-mail	Contact No	Eligibility against the Items
1	M/S. ABHAY METAL WORKS	ICHAPUR KAMARDANGA, BORTALA, HOWRAH, 711104, GSTN-19CLBPS9299H1Z7	WARD NO.-49, BALTIKURI, KALITALA, HOWRAH 711113, Email-abhaymetalworks@gmail.com	9804458860/90 07392778	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
2	M/S. APEX INDUSTRIES	PADUMBASAN(W.O.NO.-5), TAMLUK, PURBA MEDINIPUR, GSTN- 19ABFFA79091Z2	PADUMBASAN(W.O.NO.-5), TAMLUK, PURBA MEDINIPUR 721636, Email- apexindustries.ai@gmail.com	8967965597/86 37865012/	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
3	M/S. ASHOKA GALVANIZING WORKS	276 RABINDRA SARANI, KOLKATA 700007, GSTN-19AAFFA48651Z4	114/1/2, ASHUBOSE LANE, HOWRAH 711101, Email-ashoka_linehardware@hotmail.com	8334007091/ 9830027447	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
4	M/S. BABA ISPAT UDYOG	128/1, MADHUSUDAN PAUL CHOWDHURI LANE, HOWRAH, 711101,, GSTN- 19ALAPS6018B1Z8	128/1, MADHUSUDAN PAUL CHOWDHURI LANE, HOWRAH, 711101, Email- babaispatudyog128@gmail.com	9831037658/	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
5	M/S. BENGAL GALVANISING WORKS	116/2, MAKARDAH ROAD, KADAMTALA, HOWRAH, GSTN- 19AFVPP5703K1ZP	116/2, MAKARDAH ROAD, KADAMTALA, HOWRAH 711101, Email- ncpandit2@rediffmail.com	9830105581/03 326673622	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
6	M/S. D. S. ENTERPRISE	13 DURGADAS SINGHA LANE KADAMTALA HOWRAH, GSTN- 19ADTPD7203N1Z2	13 DURGADAS SINGHA LANE KADAMTALA HOWRAH 711101, Email- dsenterprise71@yahoo.in	8777577051	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
7	M/S. DAKSHINAKALI TRANSFORMER WORKS	KANTALIA NIBRA, KANTALIA INDUSTRIAL COMPLEX, P.O-DOMJIUR, HOWRAH- 711409, GSTN-19ACYPR01321Z3	KANTALIA NIBRA, KANTALIA INDUSTRIAL COMPLEX, P.O-DOMJIUR, HOWRAH-711409 711409, Email-dktransformer@hotmail.com	9830497432	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
8	M/S. DOWEL INDUSTRIAL ENTERPRISE	278, PRINCE ANWAR SHAH ROAD, KOLKATA- 700045,, GSTN- 19AAIFD6441Q1Z5	BALTLKURL, BAKULTALA, HOWRAH 711113, Email-dibroy@yahoo.com	9433080600/94 33080600	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
9	M/S. DRS ENGINEERING PRODUCTS (P) LTD	C-3/4, GILLANDER HOUSE, 8, N S ROAD, KOLKATA-700001, GSTN- 19AAACD9333L1Z8	HOWRAH INDUSTRIAL ESTATE, SHED NO.-Z- 58, BALTIKURI, HOWRAH 711113, Email- drs_engg@yahoo.co.in	9836977767/03 322104712	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
10	M/S. DUTTA ELECTRICAL	VILL+PO- HATTHUBA(CHONGDA, RABINDRA PALLY) PS-HABRA , NORTH 24 PARGANAS PIN 243363, GSTN-19AKEPD1064F1ZK	VILL-PRATAPNAGAR, PO-GANADIPAYAN, PS- GOBORDAGA, DIST-NORTH 24 PARGANAS 743263, Email-duttaelectricalhbd@gmail.com	9932232791/	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
11	M/S. ELECTRICAL SUPPLIERS	KASHIPUR, DASNAGAR, HOWRAH 711105, GSTN-19APIS8776D1Z5	KATLIA INDUSTRIAL COMPLEX, KATLIA, PO- NIBRA, PS-DOMJIUR, HOWRAH 711409, Email- ms.electricalsupplier@gmail.com	9433148474/98 31976861	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes

[Handwritten signatures and dates]
 05/09/23
 05/09/23

Annexure-B: List of successful vendors i.r.o. Rate Contract for manufacturing, testing, supply and delivery of GI Stay Set-HT & LT and GI Earth Spike against NIT No.- P-55/2022-23/GISS/RC/PC-IV opened on 13.02.2023.

12	M/S. FRIENDS ENGINEERING WORKS	BALTIKURI BAZAR, AMTA ROAD, HOWRAH-711113, GSTN-19AJSF5488H1Z5	BALTIKURI BAZAR, AMTA ROAD, HOWRAH 711113, Email-friendshowrah@yahoo.in	9903954897/03326530951	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
13	M/S. GHOSH ELECTRICAL CONCERN	11, MAKARDHA ROAD, KADAMTALA, HOWRAH 711101, GSTN-19AGBPG2826P1Z4	KATLIA INDUSTRIAL COMPLEX, KATLIA, PO-NIBRA, HOWRAH 711409, Email-ghoshelectricalconcern934@gmail.com	9830088897	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
14	M/S. GOUR BINA ENGINEERING WORKS	233/4, BELILIOUS ROAD, KADAMTALA, HOWRAH, GSTN-19AFBPM8484N1ZM	233/4, BELILIOUS ROAD, KADAMTALA, HOWRAH 711101, Email-gourbinaengg@gmail.com	9830164432	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
15	M/S. HIGH POWER ELECTRICALS	57, NATABAR PAUL ROAD, HOWRAH, 711101, GSTN-19AAEFH2305R1Z3	57, NATABAR PAUL ROAD, HOWRAH, 711101, Email-highpowerelectricals2017@gmail.com	9903937511	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
16	M/S. HIGHTENSION ELECTRICAL EQUIPMENTS PVT. LTD	101, 'C' ROAD, BELGACHIA, HOWRAH - 711105, GSTN-19AACCH3969EIZE	JALAN COMPLEX, GATE NO.1 LANE NO.1, BIPRANAPARA JANGALPUR, P.S. DOMJIUR, HOWRAH 711411, Email-heep@hightension.in	9831581189/9883512924/03326510209	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
17	M/S. ISHIKA ENTERPRISE	LAKSHMANPUR, DOMJIUR, HOWRAH 711114 (PROJECT II), GSTN-19CYBPM1178A1ZN	57/1, DASARATH GHOSE LANE HOWRAH 711101, Email-ishikaenterprise007@gmail.com	8350030228/7449930386	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
18	M/S. KAKALI ELECTRICALS	59/1, NATABAR PAUL ROAD, KADAMTALA, HOWRAH, 711101 GSTN-19AADFK4063E1ZH	59/1, NATABAR PAUL ROAD, KADAMTALA, HOWRAH 711101, Email-kakalielectricals8@gmail.com	9836550222/03326673685	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
19	M/S. KING ENTERPRISE	59/11/1, NATABAR PAUL ROAD, KADAMTALA, HOWRAH, 711101, GSTN-19AERPM6415L1ZT	LAKHANPUR, DOMJIUR, HOWRAH 711114, Email-kingenterprise007@gmail.com	7449930386/9635509967	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
20	M/S. MILON POWER	59/7/3 NATBAR PAUL ROAD HOWRAH 711101 WEST BENGAL, GSTN-19AEZPD6188H1ZP	59/7/3 NATBAR PAUL ROAD HOWRAH 711101 WEST BENGAL, Email-dasmilan572@gmail.com	9830777146	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
21	M/S. MOHTA TRANSMISSION PVT LTD	4A, POLLOCK STREET, SWAIKA CENTRE, SUITE# 106(1 ST FLOOR), KOLKATA-700001, GSTN-19AAFCM9950P1ZI	VILLAGE-KANTALIA, P.O-MAKARDAH, DIST HOWRAH 711409, Email-mt.pl.office@yahoo.com	9830084288/46014866/40052866	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
22	M/S. N C DAS ELECTRICAL AND CO	12/5, MUSALMAN PARA LANE, HOWRAH 711101, GSTN-19AFVDP0385D1ZC	25/1, J ROAD, BELGACHIA, HOWRAH 711105, Email-ncdaselectrical@gmail.com	9830096489/03326439610	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
23	M/S. NILSONS INDUSTRY	ICHAPUR ROAD, CANAL SIDE, HOWRAH 711104, GSTN-19ADUPG5238M1ZT	ICHAPUR ROAD, CANAL SIDE, HOWRAH 711104, Email-nilsonsindustry1990@gmail.com	9830267592	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
24	M/S. NRS HI TECH CO	KANTLIA, NIBRAH, HOWRAH, GSTN-19ASTPP5014A1ZP	KANTLIA, NIBRAH, HOWRAH 711409, Email-nrshitech@gmail.com	9433422443/03326707374	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
25	M/S. ONKARNATH ELECTRICALS	57 & 52/2 NATABAR PAUL ROAD HOWRAH, 711101 GSTN-19AAAF08118K1ZZ	52/2 NATABAR PAUL ROAD HOWRAH KOLKATA 711101, Email-onkarnaththelectricals@rediffmail.com	9830141392	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes

Annexure-B: List of successful vendors i.r.o. Rate Contract for manufacturing, testing, supply and delivery of GI Stay Set-HT & LT and GI Earth Spike against NIT No.- P-55/2022-23/GISS/RC/PC-IV opened on 13.02.2023.

26	M/S. PATANJALI TRADE LINK PRIVATE LIMITED	10 A, BANGUR BUILDING, 16/1, M G ROAD, KOLKATA 700007, GSTN-19AABCP6487C1Z8	172/22, MADHUSUDAN PAL CHOWDHURY LANE, HOWRAH 711101, Email- samrat.mailhere@rediffmail.com	9331840431/03 322689802/0332 22704135	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
27	M/S. POWER COMPLEX (INDIA)	17 KEDAR NATH DEAUTY LANE KADAMTALA HOWRAH, 711101 GSTN-19AFPPP9554A1Z7	17 KEDAR NATH DEAUTY LANE KADAMTALA HOWRAH 711101, Email- powercomplex@yahoo.com	9874487021	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
28	M/S. POWER TRANSMISSION	VILL-KANTALIA, PO-NIBRA, PS-DOMJIUR HOWRAH - 711109, GSTN-19DGZPP7443C1Z0	VILL-KANTALIA, PO-NIBRA, PS-DOMJIUR HOWRAH 711109, Email- rohanpaul908@gmail.com	8620996803	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
29	M/S. R S ENTERPRISE	32/1/2/3 KANTAPUKUR 3RD BYE LANE KADAMTALA HOWRAH, 711101, GSTN-19AKCPK8830A1ZD	KANTALIA INDUSTRIAL COMPLEX, KANTALIA, NIBRA, HOWRAH 7111409, Email-rsenterprisereliance@rediffmail.com	9830281060	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
30	M/S. RELIANCE TECHNO CORPORATION	59/16, NATABAR PAL ROAD, HOWRAH-711101, GSTN-19AEWPM8768H1ZD	59/16, NATABAR PAL ROAD, HOWRAH 711101, Email-reliance@rediffmail.com	9830287730/03 326674370	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
31	M/S. ROY ELECTRICAL INDUSTRIES	34/1, MADHUSUDAN PAL CHOWDHURY LANE, KADAMTALA, HOWRAH, 711101 GSTN-19AKMPR0610D1ZC	34/1, MADHUSUDAN PAL CHOWDHURY LANE, KADAMTALA, HOWRAH 711101, Email-amitavaroyelectric@gmail.com	9830500126	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
32	M/S. RUMA ISOLATOR COMPANY	6, 'Q' ROAD HOWRAH 711105, GSTN-19ABPPN3627A1ZN	KATALIA INDUSTRIAL ESTATE, VILL-DANSHI, PO-NIBRA, PS-DOMJIUR, HOWRAH 711101, Email-rumaisolatorco@gmail.com	9331038585/98 30221661/0332 6516145/03326 512157	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
33	M/S. RUPA POWER CONNECTER	57, NATABAR PAUL ROAD, HOWRAH, 711101 GSTN(old)-19AJSPP964D1Z8	57, NATABAR PAUL ROAD, HOWRAH 711101, Email-rupapowerconnector@yahoo.com	9883253987/03 326673774	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
34	M/S. S A ENGINEERING WORKS	GSTN(New)-19HGIPP1020E1ZK KHAN INDUSTRIAL ESTATE, ROOM NO.-50 SHANPUR, DASNAGAR, HOWRAH 711104, GSTN-19AGTPD357E1Z8	KHAN INDUSTRIAL ESTATE, ROOM NO.-50 SHANPUR, DASNAGAR, HOWRAH 711104, Email-saengw@rediffmail.com	9038364720	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
35	M/S. S. B. INDUSTRIES	59/11, NATABAR PAUL ROAD, KADAMTALA, HOWRAH, GSTN-19ACXFS7390A1ZH	59/11, NATABAR PAUL ROAD, KADAMTALA, HOWRAH 711101, Email-sbindustries100@gmail.com	9073359913/99 33056392	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
36	M/S. S. P. IRON INDUSTRIES	1/4, 'O' ROAD, BELGACHIA, HOWRAH - 711108 (WB), GSTN-19ADUPG4247N1Z5	1/4, 'O' Road, Belgachia, Howrah 711108, Email-spi.sachin@gmail.com	9007990585/98 36025101/0332 6510497	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
37	M/S. SANTRA AND CO	99, "X" ROAD, BELGACHIA, HOWRAH 711108, GSTN-19BBQPS3608J1Z0	P-57, BENARAS ROAD, HOWRAH 711105, Email-santra.co@yahoo.com	9836693622/98 31764288	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
38	M/S. SHREE DURGA METAL PRODUCTS	12/5, MUSALMAN PARA LANE, HOWRAH 711101, GSTN-19ABGFS3425E1Z8	P-56/14, BANARAS ROAD BELGACHIA, HOWRAH 711108, Email-sdmphowrah@gmail.com	9830096489/99 32749190/0332 6439610	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
39	M/S. SITARAM POWER PRODUCT	18/1, CHATTERJEE PARA LANE, HOWRAH 711101, GSTN-19AJRPP4479N1Z7	18/1, CHATTERJEE PARA LANE, HOWRAH 711101, Email-sitarampower798@gmail.com	9830112548/98 30112548	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes

[Handwritten signatures and dates]
 05/01/23
 05/01/23

Annexure-B: List of successful vendors i.r.o. Rate Contract for manufacturing, testing, supply and delivery of GI Stay Set-HT & LT and GI Earth Spike against NIT No.- P-55/2022-23/GISS/RC/PC-IV opened on 13.02.2023.

40	M/S. SOMNATH HARDWARE STORES	12, MADHUSUDAN PAL CHOWDHURY LANE HOWRAH 711101 WEST BENGAL, GSTN-19ADUPG4271G1Z7	12, MADHUSUDAN PAL CHOWDHURY LANE HOWRAH 711101 WEST BENGAL 711101, Email-som_hw@rediffmail.com	9830192801/0 3326438842	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
41	M/S. SUBIR METAL INDUSTRIES	59/7/2, NATABAR PAUL ROAD HOWRAH 711101 WEST BENGAL, GSTN- 19AALF50493A1Z7	59/7/2, NATABAR PAUL ROAD HOWRAH 711101 WEST BENGAL 711101, Email- subirmetalindustries@gmail.com	9830164432/03 326670981	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
42	M/S. SUSMITA ELECTRICALS	57, NATABAR PAUL ROAD, HOWRAH 711101, GSTN-19AFOPP2374K1ZR	57, NATABAR PAUL ROAD, HOWRAH 711101, Email-susmitaelectricals_1@rediffmail.com	9830053588	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
43	M/S. TARA ELECTRICALS	52/5/1, NATABAR PAUL ROAD, HOWRAH 711101, GSTN-19AFRPP9332E1ZX	52/5/1, NATABAR PAUL ROAD, HOWRAH 711101, Email-mihir.pandit3@gmail.com	9830355003/03 326670170	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
44	M/S. THE CENTRAL TRADING AND ENGINEERING WORKS	23, MADHUSUDAN PAL CHOWDHURI LANE, HOWRAH 711101, GSTN- 19AKSPG1851D1Z4	23, MADHUSUDAN PAL CHOWDHURI LANE, HOWRAH 711101, Email-ctew.hw@gmail.com	9830192801	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes
45	M/S. WINTEK ENTERPRISES	46/60, DASARATH GHOSH LANE, HOWRAH, 711101 GSTN- 19ABTPR2368E1Z3	46/60, DASARATH GHOSH LANE, HOWRAH 711101, Email-wintek46@hotmail.com	9830222559	GI Stay Set -HT-Yes / GI Stay Set-LT-Yes / GI Earth Spike- Yes

[Signature]
05/09/23

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05/09/23



WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

(A Govt. of West Bengal Enterprise)

Office of the Chief Engineer: Procurement & Contracts Department

Vidyut Bhaban (4th Floor): Bidhannagar : Block-DJ, Sector-II, Kolkata-700 091

Phone No. 033-2359-8397; Fax No. 033-2359-1921 / e-mail - procurementdept@wbsecl.in

CIN- U40109WB2007SGC113473, website: www.wbsecl.in GSTIN No.19AAACW6953H1ZX

Annexure-C

PV formula in the Light of "IEEMA" for GI Stay Set-HT & LT and GI Earth Spike
(Actually, formula for Transmission Line & Accessories and Hardware)

PV Formula:

$$P = \frac{Po}{100} \left(20 + 58 \frac{SBIR}{SBIRo} + 7 \frac{Zn}{Zno} + 15 \frac{W}{Wo} \right)$$

Po	=	Price quoted/confirmed (Exclusive of all taxes & duties).
P	=	Price payable as adjusted in accordance with the above formula.
$SBIRo$	=	Price of Billets as on Base date.
$SBIR$	=	Price of Billets as applicable for the month, two months prior to the date of delivery.
Zno	=	Price of Electrolytic High-Grade Zinc as on Base date.
Zn	=	Price of Electrolytic High-Grade Zinc as applicable for the month, two months prior to the date of delivery.
Wo	=	Consumer price index number for industrial workers as published by Labour bureau, Ministry of labour, Govt. Of India, as on Base date.
W	=	Consumer price index number for industrial workers as published by Labour bureau, Ministry of labour, Govt. Of India, as applicable for the month, four months prior to the date of delivery.

All the prices and price index as per declaration of IEEMA for Transmission Line & Accessories and Hardware are followed here for GI Stay Set-HT & LT and GI Earth Spike.

The price will be variable as per IEEMA Price Variation Formula without any ceiling limit with Base Date as on 01/10/2022. The price variation will be considered only on Ex-works price by multiplying factor for the month of delivery of materials, which is to be obtained by putting the values in the above mentioned formula, will be declared in every alternate month from the office of the Chief Engineer (Procurement & Contracts) and will be published in the website(www.wbsecl.in) of WBSEDCL. The date of receipt of offer for inspection of the materials/equipments along with works test certificate will be treated as the date of delivery of that particular lot provided the materials pass in inspection and testing (See clause No.-11 of Annexure-I).

05/09/23

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**WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED***(A Govt. of West Bengal Enterprise)***Office of the Chief Engineer: Procurement & Contracts Department**Vidyut Bhaban (4th Floor): Bidhannagar : Block-DJ, Sector-II, Kolkata-700 091Phone No. 033-2359-8397: Fax No. 033-2359-1921 / e-mail - procurementdept@wbsecl.inCIN- U40109WB2007SGC113473, website: www.wbsecl.in GSTIN No.19AAACW6953H1ZX**Annexure-D(i)****Format for test results-GI Stay Set(HT & LT)**

1. Purchaser:
2. Supplier: M/s
3. PO No. & Date:
4. Offer/Re Offer No. & Date:
5. Quantity Offered:
6. Quantity found:
7. Sample Sealed:
8. Date of Inspection:
9. Test conducted as per approved Drawing, Tech. Spec. & Relevant I.S.S:
- 10.a. Visual Exam: Satisfactory / Unsatisfactory
- 10.b. Marking on Casting Portion of Bow & Head of the Rod
- 10.c. Galvanization: Satisfactory / Unsatisfactory
- 10.d. Load: Kg: Withstood/ Failed
- 10.e. Dimensional Checks (All in mm):

Sl No.	As Approved		S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10
	HT	LT										
1.	1830	1680										
2.	300	300										
3.	20	16										
4.	400	400										
5.	105	84										
6.	150	128										
7.	14	12										
8.	55	45										
9.	16	12										
10.	230SQ	150SQ										
11.	22SQ	18SQ										
12.	6	6										
13.	70	65										
14.	47	45										
15.	20	16										
16.	2.56	2.56										

(Dimension nos. 1 to 12 marked in the Drawing and dimension nos. 13 to 16 are for Thimble which are not shown in the drawing-given in technical specification)

10. Remarks:

11. Colour Mark:

Test Witnessed by:
For WBSEDCL

Conducted by:
For M/s

PX
105/09/23

SL
5/7/23

105/09/23



WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED

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Phone No. 033-2359-8397: Fax No. 033-2359-1921 / e-mail - procurementdept@wbsecl.in

CIN- U40109WB2007SGC113473, website: www.wbsecl.in GSTIN No.19AAACW6953H1ZX

Annexure-D(ii)

Format for test results-GI Earth Spike

12. Purchaser:
13. Supplier: M/s
14. PO No. & Date:
15. Offer/Re Offer No. & Date:
16. Quantity Offered:
17. Quantity found:
18. Sample Sealed:
19. Date of Inspection:
20. Test conducted as per approved Drawing, Tech. Spec. & Relevant I.S.S:
 - 10.a. Visual Exam: Satisfactory / Unsatisfactory
 - 10.b. Marking on Casting Portion of Bow & Head of the Rod
 - 10.c. Galvanization: Satisfactory / Unsatisfactory
 - 10.d. Penetration Test (By Hammer / Heavy Block): Withstood/ Failed
 - 10.e. Dimensional Checks (All in mm):

Sl No.	As Approved	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10
1.	1853										
2.	1752										
3.	20										
4.	40										
5.	15										
6.	76										
7.	10										
8.	25										
9.	30										
10.	12										
11.	50										

(All Dimension nos. are marked in the Drawing)

21. Remarks:

22. Colour Mark:

Test Witnessed by:
For WBSEDCL

Conducted by:
For M/s