

ਦਫਤਰ: ਵਧੀਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ, ਵੰਡ ਮੰਡਲ ਸ਼ਹਿਰੀ ਬਰਨਾਲਾ

Ph. 96461-10024, Email: divcitybml6@gmail.com

ਵੱਲ,

ਵਧੀਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ,
ਆਈ.ਟੀ ਸੈਲ,
ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐਲ, ਪਟਿਆਲਾ।

ਮੀਮੋ ਨੰ: 1325

ਮਿਤੀ: 24.02.2025

ਵਿਸ਼ਾ:-

ਸਹਾਇਕ ਕਾਰਜਕਾਰੀ ਇੰਜੀਨੀਅਰ ਉਪ ਮੰਡਲ ਸ਼ਹਿਰੀ ਬਰਨਾਲਾ Work of digging and boring etc. beneath railway track for underground laying of 2 No. 55 meter, 6 inch DWC HDPE Pipes for providing 11KV electrical connectivity to 11 KV pharwahi bajar feeder for railway crossing ਦਾ ਟੈਂਡਰ ਵੈਬਸਾਈਟ ਤੇ ਅਪਲੋਡ ਕਰਨ ਸਬੰਧੀ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਅਧੀਨ ਇਸ ਦਫਤਰ ਵਲੋਂ ਟੈਂਡਰ ਇੰਨਕੁਆਰੀ ਨੰ: 05/2024-25 ਮਿਤੀ 24/02/2025 ਉਪ ਮੰਡਲ ਸ਼ਹਿਰੀ ਬਰਨਾਲਾ ਅਧੀਨ Work of digging and boring etc. beneath railway track for underground laying of 2 No. 55 meter, 6 inch DWC HDPE Pipes for providing 11KV electrical connectivity to 11 KV pharwahi bajar feeder for railway crossing under Sub Division city barnala as per PSPCL & Railways specifications. ਦਾ ਟੈਂਡਰ ਕਾਲ ਕਰਨ ਲਈ ਉਸ ਦੇ ਨਾਲ ਸਬੰਧਤ ਡਾਕੂਮੈਂਟ ਇਸ ਪੱਤਰ ਨਾਲ ਨੱਥੀ ਕਰਕੇ ਆਪ ਜੀ ਨੂੰ ਵੈਬਸਾਈਟ ਤੇ ਅਪਲੋਡ ਕਰਨ ਲਈ ਭੇਜੇ ਜਾਂਦੇ ਹਨ। ਸੋ ਕਿਰਪਾ ਕਰਕੇ ਇਹ ਡਾਕੂਮੈਂਟ ਵੈਬਸਾਈਟ ਤੇ ਅਪਲੋਡ ਕੀਤੇ ਜਾਣ।

ਨੱਥੀ/ ਉਪਰੋਕਤ ਅਨੁਸਾਰ

ਵਧੀਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ,
ਵੰਡ ਮੰਡਲ, ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐਲ,
ਸ਼ਹਿਰੀ ਬਰਨਾਲਾ



PUNJAB STATE POWER CORPORATION

O/o Addl. Superintending Engineer

City Division Barnala

Dhanoula Road Barnala

Mobile No. :-96461-10024

E-mail:- xen-ds-barnala-city@pspcl.in

Tender Enquiry No.05/City Sub Division Barnala dated: 24.02.2025

Work of digging and boring etc. beneath railway track for underground laying of 2 No. 55 meter, 6 inch DWC HDPE Pipes for providing 11KV electrical connectivity to 11 KV pharwahi bajar feeder for railway crossing under Sub Division city barnala as per PSPCL & Railways specifications.

Last date and time of bid submission	: 17.03.2025 Up to 11:30 Hrs. on
Date and time of opening of Fee bid	: 17.03.2025 At 12:00 Hrs. on
Date and time of opening techno-commercial bid	: 18.03.2025 At 12:30 Hrs. on
Date and time of opening of price bid	: 18.03.2025 At 01.00 PM
Earnest Money	: Rs. 10,000/-
Bid Processing Fee	: 1180/- (including 18% GST)
Completion Period	: 30 Days
Contact No.	: 96461-10097

Addl. SE
City Division Barnala

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SECTION – I

TENDER NOTICE

1. SCOPE OF WORK:-

Work of digging and boring etc. beneath railway track for underground laying of 2 No. 55 meter, 6 inch DWC HDPE Pipes for providing 11KV electrical connectivity to 11 KV pharwahi bajar feeder for railway crossing under Sub Division city barnala as per PSPCL & Railways specifications.

2. RATES:-

The rates for supply of material and labour for various items are to be quoted in Annexure-‘A’ and . The rates quoted shall be FIRM in all respect & for all the items and inclusive of all taxes except GST. Applicability of GST may be mentioned clearly by the bidder.

GST, as applicable, shall be payable extra by PSPCL on submission of documentary proof of having deposited the same.

The dismantled material shall be the property of PSPCL and the contractor shall return the unused material out of the dismantled material (if any) to PSPCL Stores i.e the cost of transportation shall be inclusive in the dismantlement rates. Any statutory variation shall be to the contractor Accounts.

3. COMPLETION PERIOD: - within 30 days after the award of contract.

4. TERMS & CONDITIONS:

1. A set of tender documents containing technical specifications, general instructions and terms and conditions of each work can be obtained from this office on payment by cash or demand draft of Rs. 1180/- issued from a scheduled Bank in favor of PSPCL payable at Barnala. Tenders/ Bids of the contractors/ firms, which do not purchase the tender documents in advance, shall not be accepted/ opened.
2. All tenders must be accompanied by Earnest Money equal to the amount as prescribed in the tender documents except in the case of those tenderers who are specifically exempted as per the Works Regulation of PSPCL (available at www.pspcl.in).
3. Conditional tenders, telegraphic/ e-mailed/ telefax tenders, tenders not on prescribed form and tenders without earnest money shall not be accepted.
4. In case date of opening happens to be holiday, the tenders shall be opened on the next working day at the same time.
5. Tender shall remain valid for 120 days from the date of opening which can be further extended if required with same terms and conditions.
6. The undersigned reserves the right to reject any or all tenders without assigning any reasons. In case of any dispute, the decision of the undersigned will be final.
7. Rates must be quoted in figures as well as in words. Tender containing corrections/ overwriting without attestation by the tenderers will be rejected.
8. The quantities mentioned in the tender specifications can be increased/ decreased as per site requirement with the approval of competent authority.
9. Tenderer will have to comply with all the rules and regulations under Factory Act, Industrial Dispute Act, E.P.F. Act, Labour Laws, Bonus Act and Retrenchment Compensation Act.
10. Tenders received after the due date and time shall not be entertained.
11. Negotiations, if required, shall not be held except with the lowest tenderer.
12. The tenderers shall bring all the original documents at the time of opening of tender and also attach attested copies of the same with tender as under (Tender shall be awarded to only those contractors who have all the following proofs available with them because this is a skilled work requiring skilled and experience contractor):

- (i) Income tax clearance certificate with PAN Number.
- (ii) Proof of EPF Account No. issued by EPF authorities.
- (iii) Proof of GST registration.
- (iv) Proof of ESI registration.
- (v) Bank solvency certificate for Rs. 2.00 Lac issued from scheduled bank.
- (vi) Proof of having done HT XLPE Cables erection works during the last three years with performance certificates issued by the concerned Departments not below the rank of Executive Engineers.

NOTE: Contractor/ firm must not be blacklisted by any Govt. / Semi Govt. Deptt.

- 13. The contractor / executive agency will itself be fully responsible for compliance of various statutory laws and any type of damage to the material or to the work due to accident or natural calamity.
- 14. The onus of responsibility in case of death or injury to the labour/ worker during the currency of work or at the time of execution of work will fully lie with the contractor / executive agency. PSPCL will bear no claim/ responsibility in this regard whatsoever.
- 15. The tenderer must convey unconditional acceptance to the PSPCL's terms and conditions, failing which their price bid shall not be opened.
- 16. Time to complete the work will be 30 days after the award of contract.

5. CONDITIONS OF NORTHERN RAILWAY:-

- 1. Certified that crossing will be comply with the terms and condition and specification of the arrangement and regulation covering the placing of u/g cable across the RailwayTrack issued by Railway Board and the factor of safety stipulates there in.
- 2. The crossing will be comply with the Indian Electricity Act 1910 & rules framed there under and modifications up to date.
- 3. The work with in Railway Boundry will be done under the supervision of concerned Railway Officials.
- 4. The nearest joint boxes will be earthed on both sides of the track.
- 5. Cable markers as per designed will be provided with in Railway Boundry.
- 6. The horizontal boring method will be adopted to cross the pipe under the track.
- 7. The work will be executed by the party with their own expenses and T&P etc.
- 8. The work of cable crossing at will be done under the supervision of SSE/TELE and SSE/SIGNAL.
- 9. All dimensions shown in meters unless shown otherwise.
- 10. The Railway Land required for the work will be taken by the party on permission in the form of way leave across the Railway Track for which the arrangement as per standard terms and conditions will be accepted before commencement of work.
- 11. During laying/crossing the pipe under the track power block not required.

A. Preliminary works:

- 1. Arrange construction material at site
- 2. Arrange sufficient man power.
- 3. Demarcate the position of proposed work at site.
- 4. Arrange suitable pushing jacks.

5. Arrange HDPE/G.I. pipe conforming to IS : 2062 with welds as per IS :1182.

B. Without line block but with speed restriction:-

1. While pushing G.I./DWC HDPE Pipe speed to be restricted as per the railways regulation.
2. G.I./DWC HDPE Pipe is to be pushed gradually through embankment by means of jacks in increments.
3. Ensure safe passage of trains during execution of work.
4. Earth inside the G.I./DWC HDPE Pipe will be taken out and dispose of the same at proper place or as desired by railway authorities. Then again the G.I./DWC HDPE pipe will be pushed & so on.
5. While pushing constant watch shall be kept to observe if any up having of track trains to be allowed only after ensuring correctness of track geometry.
6. Speed to be raised to normal in stages taking due care of compaction and ensuring correctness of track geometry.

6. REQUIREMENTS FOR BIDDERS: - The bidders must fulfill the following conditions: -

- (i) The bidder shall submit documentary proof for having A-Class contractor (electrical certificate) from CEI Punjab under Indian Electricity Rule 1956 Clause-45 for carrying out such type of jobs and submit a copy of the valid license along with the request for issue of tender documents. In case any bidder does not have this license and he makes a request to issue the tender documents, he shall be issued the tender documents subject to the condition that in case he happens to be a successful bidder then he shall submit this license to Sr. XEN Division Barnala before taking the work in hand and no relaxation in completion period shall be allowed to him on this account.
- (ii) The bidder will supply its Employee Provident Code No., ESI, GST, PAN and Copy of EPF registration, EST, GST, PAN.
- (iii) The contractor shall have the experience of executing HT XLPE Cables erection works in last Three years (from the date of enquiry).
- (iv) The bidder shall have to ensure that deputed persons are trained for execution of work so that all activities are carried out in a highly professional and sound managerial manner.

NOTE:-

The request from the bidder for the purchase of tender documents must include the following documents: -

- i) Self attested photocopies of the documents pertaining to Para 6(i) & 6(ii).
- ii) The certificate regarding execution of HT XLPE Cables erection works should be signed not below the rank of concerned Addl. S.E/Sr. Xen and duly attested from the Gazetted Officer.
- iii) Undertaking from the bidder that in case of award of contract to them they shall furnish a Labour License/exemption certificate from Labour Department before the commencement of work.

Any other information/details required in this regard can be obtained from the office of Sr. XEN Operation Division PSPCL Barnala.

TENDERING & CONTRACT AGREEMENT

1.1 SUBMISSION OF TENDERS:

The following instructions must be carefully observed by all tenders. Quotations/ tenders not strictly in accordance with these instructions will be liable to be rejected failure to comply with any of these instructions or to offer explanation for non compliance is likely to render effective comparison of the tender as a whole impossible and may lead to rejection of an otherwise apparently lowest offer.

- i. The tender must be complete in all respects.
- ii. Conditional tenders telegraphic, through telex fax tenders, tenders not on prescribed Forms or tenders without earnest money in the required shape shall not be accepted.
- iii. THREE PART BIDS: - Bid should be submitted in three parts.**

Part I: Tender document fee & Earnest Money Deposit

Part II: Techno commercial Bid

Part III: Price bid.

1.2 TENDERS TO BE INVALIDATED:

The tenders must be complete in all respects; Conditional, incomplete or not properly sealed tenders and tenders received late due to any reason whatsoever will be rejected.

1.3 INSPECTION OF SITE BY THE TENDERS:

Tenders should inspect the site and examine and obtain all information required and satisfy himself regarding all matters and things before submission of his tender such as:

- i. Whether any existing access to the site is available on the highway, its suitability for transporting his equipments and the extent to maintenance required to keep it into a serviceable condition.
- ii. The type and extent of access roads to be provided by the contractor including its maintenance for the transportation of equipment.
- iii. The type and number of equipment and facilities required for the satisfactory completion of work the quantities of various sections of the work, the availability of local labour, availability and rates of materials, local working conditions, extreme weather conditions uncertainties of weather, obstructions and hindrances that may arise etc. Which may affect the work or cost thereof.

1.4 SIGNING OF THE TENDERERS

Tenders shall be signed by the owner or person holding power of attorney by him to do so. Necessary documents in support thereof should be enclosed with bid at the time of submission, failing which tender may not be considered.

1.5 EARNEST MONEY/SECURITY DEPOSIT:

The tenders shall be required to submit earnest money amounting to Rs 20,000. The draft representing earnest money should be in favors of PSPCL payable at Operation Division Barnala. Public Sector undertakings fully owned by the Punjab Government/Central Government/Other State Government shall be exempted from depositing Earnest Money, provided that a certificate of Government Ownership shall be submitted in the envelope for Earnest Money. In case of tenders not accepted, the earnest money shall be refunded within 30 days of the award of order/contract to the unsuccessful tenderer or after

the expiry of additional/period whichever is later. Security Deposit @5 % will be deducted from running and final bills in which amount of earnest money is adjustable.

1.6 TENDER TO CONFORM TO SPECIFICATIONS:

Tender who proposes any alteration in the work specified in the Tender Specification, or in time allowed for carrying out the work or which contains any other terms & conditions of any sort will be liable to rejection.

1.7 RATES TO INCLUDE EVERY THING NECESSARY:

- a) Prices & rates quoted shall include cost of all charges for labour including all leads and lifts, tools, plant, mobilizing and demobilizing equipment, consumables such as fuels lubricants, electrodes, acetylene etc., fixtures, settings out, transport charges, taxes, royalties, octroi and GST for temporary/permanent work and any local taxes or levies payable on all transactions or any left out item necessary for due performance of work under this contract. Quoted rates shall take into account all the above and every thing else necessary and such quoted rates shall remain firm for the entire duration of the contract. Bidders shall note that later claims on account of non-inclusion of some or any necessary item in his quoted rates will not be entertained under any circumstances.
- b) The unit rates quoted shall take into account details of construction which are obviously and fairly intended, and which may not have been specifically referred to in these documents but are essential for the satisfactory completion of work.
- c) Rates quoted by Bidder for all items of work shall firm irrespective of variation to any extent in quantities of any or all items indicated in section-VI .
- d) The rates quoted shall be good for all shapes and sizes of members whether or not shown in tender drawing issued along with the specification.
- e) The rates quoted shall be good for works below or above ground level, irrespective of elevations unless separate rates are called for, for different elevations.
- f) The rates quoted by the bidder shall include any straightening of raw steel, coiled sheets etc. prior to use on the works.
- g) Price includes the VAT/Tax/Duties/ Octroi leviable by the State Govt./Central Govt./Local Bodies & other agencies. Statuary variation shall be to contractors A/C.

1.8 POST TENDER MODIFICATIONS

The bidder shall make no modification to the bid after opening of the bids unless specifically requested by PSPCL. The earnest money of any bidder who modifies after opening, without any specific reference from PSPCL shall be forfeited without any further reference to the bidder and he shall be liable to further action like suspension of business dealing/blacklisting.

1.9 ALL CUTTING/CORRECTIONS TO BE INITIALLED:

Each page of the tender document including the schedule of quantity and bid drawings be signed and dated by tenderer in ink as a token of his having examined the same. Any correction in the rates quoted in the schedule of quantities shall also be signed with date by tenderer before submitting the tender. All corrections and additions or pasted slips should be initialed by the contractor. Non-compliance with these conditions will make the tender liable to rejection.

1.10 RIGHT TO REJECT ALL OR ANY TENDER:

The officer inviting Tenders/Contracting Agency/PSPCL reserves the right to reject any or all the tenders/without assigning reasons. He will not be responsible for and will not pay for expenses or losses that may be incurred by tenderer in preparation of the tender.

1.11 VALIDITY OF TENDERS:

The tenders as submitted should be valid for acceptance for at least 120 days from the date of opening of tenders, unless specified otherwise.

1.12 PLANT & EQUIPMENT:

- i) The contractor, shall at his own expense supply all tools, plant & equipment (hereinafter referred to as T&P) required for the execution of the contract other than those listed in tender documents/contract agreement which subject to their availability may be hired from PSPCL to the contractor or issued free for use in the execution of the work, as specified in the tender documents.
- ii) The details of plant, equipment & machinery available with the tenderer in working order for deployment on the work shall be submitted relevant information on the capability, financial resources and experience about him.

1.13 WCT (WORKS CONTRACT TAX) & INCOME TAX & WWC (Worker Welfare cess):

- I) Income Tax@ 2.08% shall be deducted from the bills of contractor as required under section-27 of Punjab Value Added Tax Act 2005 and Income Tax act, the amount so deducted shall be deposited by the PSPCL with authorities and the contractor shall be required to get any refund from the Sales/ Income Tax Department, if eligible for the same and shall justify the same to Sales/Income Tax authorities.
- II) GST applicable shall be deposited by the contractor with the concerned department. GST TDS shall also be deducted as per prevailing rules.
- III) Worker welfare cess @ 1% or applicable at the time of contract shall be deducted from the contractor bills.

1.14 SIGNING OF CONTRACT:-

In the event of tender being accepted an intimation shall be given to the contractor who shall thereupon attend office of Accepting Officer to sign copies of the specification and other documents and to execute the contract agreement within specified dates of the issue of such intimation failing which acceptance of his tender shall be cancelled and his earnest money will be forfeited.

Adll. SE/Op. PSPCL
Div. City Barnala

SECTION-II
GENERAL CONDITIONS OF CONTRACT

2.1 SCOPE OF CONTRACT:-

The contract comprises the planning, erection & completion of the works and except, in as far as the contract otherwise provides the provisions of all labour, supervision, storage, constructional plant, equipment, supplies, transportation to or from the site, fuel, electricity, temporary works and everything whether of a temporary or permanent nature required in and for such construction, erection, completion, maintenance and handing over of the works except items specified to be furnished by the purchaser or others, all in accordance with the stipulations laid down in the contract and additional drawings as may be provided by the Engineer-in-charge during execution of the works.

Even though all the work and materials necessary to satisfactory completion of the works may not be detailed in the specifications and schedules, their costs will be considered to be within the contract and no claim for extra charges will be accepted, provided always that there is no substantial revision in the specifications of the work in which the consequential changes in price shall be mutually agreed between the owner and the contractor.

2.2 SUPPLY OF PLANT MATERIAL AND LABOUR:-

Except where otherwise specified the contractor shall at his own expenses supply and provided all the T&P, temporary works, material, both for temporary and for permanent works, labour (including the supervision thereof) transport to or from the site and in and about the works and other things of every kind required for the construction erection, completion and maintenance of works.

2.3 FIRE FIGHTING EQUIPMENT:-

Contractor shall provide and maintain adequate portable firefighting equipment at the site during the performance of the contract to the satisfaction of the Engineer-in-charge and the local fire fighting authority. The work shall be executed in such a manner so as to minimize fire hazards.

2.4 WATER AND ELECTRICITY:-

A) Contractor will make his own electricity and water supply arrangement for construction as well as drinking purposes by installing tube wells, jet pumps etc. and laying distribution pipes wherever required. No arrangement will be made by the PSPCL for water supply.

B) The interruptions/failures/shut down in the supply of power cannot be rules out. Failure of normal supply of power by shut down or other unforeseen circumstances will not entitle the contractor to claim any damages or compensation or extension in construction period. The contractor at his own cost shall make his own alternative arrangements to meet the demands in case of power failure and to meet any exigency by providing adequate diesel operated machinery and as stand by in perfectly good working conditions. This is particularly essential with respect to dewatering. The contractor shall note that no payment whatsoever for running diesel operated machinery shall be made in lieu of cost free power supply (if agreed to in the contract agreement).

2.5 SETTING OUT:-

- i. Contractor shall set out the works and shall be responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions and alignment of all parts thereof. If at any time any error shall appear during the progress of any part of the work, the Contractor shall at his own cost rectify such error to the satisfaction of the Engineer.
- ii. Contractor shall provide all facilities, instruments, and attendance to Sr. XEN/DS or his deputed representative to check his work. Instruments brought by contractor shall be in good working conditions recently celebrated and are subject to approval by Sr. XEN/DS. Checking in part or full of any setting out of any line or level by the Engineer shall not in any way relieve Contractor of his responsibility for the correctness thereof.
- iii. Contractor shall establish and maintain base lines and bench marks adjacent to the various section of work. He must carefully preserve by Contractor and in case of their destruction/dislocation all such marks and stakes, or any of his employees or otherwise, will be replaced at Contractor's expenses.

2.6 WORK TO BE EXECUTED AS PER DRAWINGS SPECIFICATIONS ETC:-

The contractor shall execute the work strictly in accordance with the drawings & specifications. The Contractor shall also confirm exactly and faithfully to the designs, drawings and instructions in writing relating to the work as signed by the Engineer lodged in his office and/or supplied to the Contractor.

2.7 DRAWINGS & SPECIFICATIONS:-

- a) One set of the Drawings & Specifications and schedule of quantities shall be furnished by Engineer to Contractor. Such copies shall be kept on the works and Engineer and his representatives shall at all reasonable times have access to the same. They shall be returned to the Engineer by Contractor along with the final bill of the Contract.
- b) Matter shown either on the drawings or in the specifications shall be executed/ furnished as if shown in both except where specific provision is made in the drawings superseding the specifications.

2.8 DISMANTLEMENT OF MATERIAL:-

- i) Complete detail of material to be dismantled shall be prepared and duly signed by the contractor.
- ii) The dismantled material will be returned to PSPCL Stores, Return of the dismantled material to PSPCL Stores will be through PSPCL Officials. The dismantlement rates to be quoted by the contractor should be inclusive of all taxes freight and octroi and insurance charges, transportation charges. Transportation charges for transportation of dismantled material from one site to another site or to PSPCL stores shall be included in the above quoted rates.

2.9 BENCH MARKS:-

Permanent reference benchmarks established and maintained by the PSPCL are available on or close to the Project site. Contractor shall arrange to build and maintain at his cost any additional temporary bench marks that may be required by him to lay out lines levels etc., required for the completion of the work covered in the contract. The contractor shall also arrange at his cost for all necessary surveying, leveling etc. to be carried out to standardize the co-ordinates and levels of these additional temporary bench marks with referenced to the nearest of the permanent bench marks mentioned above. The responsibility for the accuracy of the temporary benchmarks for any works carried out based on these benchmarks lies entirely with the contractor.

2.10 SITE FACILITIES BY CONTRACTOR:-

The contractor will be required to provide at his own cost all facilities for his office, warehouse, tool room change-room, labour huts or any other building-structure required to execute his work. However, material required for these infrastructures and available in PSPCL's site store shall be made available to the contractor at the rates & terms mentioned in the specification.

- 2.11 WORK TO PROCEED UN-INTERRUPTED:-
It shall be ensured by the contractor that work shall proceed un-interrupted even in the event of power failures. As such the contractor should install diesel, generator for adequate capacity or provide adequate number of diesel-operated machinery such as dewatering pumps, concrete mixers, diesel generator, vibrators, welding sets etc.
- 2.12 NIGHT SHIFTS:-
The time of completion shall be deemed to exclude working during night shifts. However, Engineer may consider granting permission for working during night shifts if considered essential to complete the work in the stipulated time, on a specific request by a contractor. Night work shall not entitle the contractor to any extra payment. Where night work is in progress, sufficient lights shall be provided by the contractor at his cost to safeguard the workmen and the public and suitable precautions shall be taken to prevent accidents. Excavated areas and under-ground open structures shall be properly barricaded and shall be provided with red lights to prevent accidental falls
- 2.13 CONTRACTOR'S STAFF:-
Contractor shall have qualified engineers and foremen/supervisors with adequate experience in execution of works at the site for satisfactory progress and completion of the work as directed by Engineer. His site Engineer shall be responsible for all aspects of the work at the site and shall take instructions from the Engineer and carry out his instructions. A qualified electrical supervisor of the contractor shall supervise all temporary electrical installations.
- 2.14 PROTECTION OF WORK BY CONTRACTOR:-
During inclement weather or rain, contractor shall suspend works for such time as the Engineer may direct and shall protect from damage all works already in progress or completed just then. All such temporary protective measures shall be at contractor's cost and any damage to works shall be made good to the satisfaction of the Engineer by the Contractor at his own expense. Should the work be suspended by reason of strikes/riot by contractor's own employees or any other cause whatsoever except the pre-major conditions contractor shall take all precautions necessary for protection of works and make good at his own expense any damage arising from any of these causes:
- 2.15 CO-ORDINATION WITH OTHER AGENCIES:-
During the course of contractors work, other works either by the PSPCL or by other contractors or by both simultaneously will be in progress with in the project area. Contractor is to make his best effort to work in harmony with others in the best over all interest of the project and its speedy construction and comply with engineer's instructions in making alternative arrangements at any time for maintaining the work scheduled at no extra cost to PSPCL.
- 2.16 ASSIGNMENT OR TRANSFER OF CONTRACT:-
The contractor shall not without the prior written approval of the Accepting Authority assign or transfer the contract or any part thereof, of any share, or interest therein to any other person.
- 2.17 SUB CONTRACT:-
The contractor shall not sublet any portion of the contract without the prior written approval of the Engineer.
- 2.18 COMPLIANCE TO REGULASTIONS AND BYE LAWS:-
The Contractor shall conform to the provision of any statute relating to the work and regulations and bye-laws of any local authority and of any Central/State department or Undertakings with whose system the work is prepared to be connected. He shall before making any variation from the drawings or the specifications that may be necessitated for such connections, give the Engineer-in-charge notice, specifying the variation proposed to be made and reasons therefore and shall not carry out any such variation until he has received instructions from the Engineer-in-charge in respect thereof, the contractor shall be bound to give notice required by statute Regulations or Bye-laws as aforesaid and to pay all fees and taxes payable to any authority in respect thereof.

2.19 CONTRACTOR TO REPORT ACCIDENT:-

In the event of occurrence of any accident at or near the site of work or in connection with execution of the work, report shall be made immediately by the contractor to the Engineer, giving full details of the accident. He shall also report such accident to all the competent authorities.

2.20 REMOVAL OF CONTRACTOR'S PERSONNEL/WORKMEN:-

The contractor shall employ on the execution of the works only such person as are skilled and experienced in their respective trades. The Engineer shall have full power at all times to object the employment of any workmen, foreman or other employee on the work by the contractor and if the contractor shall receive notice in writing from the Engineer requesting the removal of any such men or man from the work, contractor is to comply with the request forthwith. NO such workman, foreman or other employee after his removal from the work by request of the Engineer shall be re-employed or re-instated on the work by the contractor at any time except with the prior approval in writing of the Engineer. The contractor shall not be entitled to demand the reasons from the Engineer for requesting the removal of any such workman, foreman or other employee.

2.21 WORK OPEN TO INSPECTION:-

All works under or in course of execution of executed in pursuance of the contract shall at all time be open to the inspection and supervision of the Engineer-in-charge/ representative of Engineer and his subordinates and the contractor shall at all times during the usual working hours and all other times at which reasonable notice of the intention of the Engineer or his subordinate to visit the works shall have been given to the Contractor during which period either he could be present to receive order and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the Contractor's duly authorized agents shall be considered to have same force and effect as if they had been given to the contractor himself.

2.22 NOTICE BEFORE WORK IS COVERED UP:-

The Contractor shall given not less than 7 days notice in writing to the Sr. XEN/DS or his subordinate in-charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions thereof taken before the same is so covered up or placed beyond the reach of measurement any work with the consent in writing of Sr. XEN/DS or his subordinate in charge of the work and if any work shall be covered up or placed beyond the reach of the measurement without such notice having been given or consent obtained the same shall be uncovered at the contractor's expenses, or in default thereof no payment or allowance shall be made for such work or for the materials with which the same was executed.

2.23 CONTRACTOR LIABLE FOR DAMAGE DONE:-

If the contractor or his work people or servants shall break, deface injure or destroy any part of a building if they may be working on any building, road, fence, enclosures or grass land or cultivated ground contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happens to the work, while in progress, from any cause whatsoever, the contractor shall make the same good at his own expense, or in default, the Engineer may cause the same to be made good by other workman and deduct the expenses for which the certificate of the Engineer shall be final from any sums that may be at any time thereafter may become, due to the contractor, or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

2.24 CONTRACTOR'S SUPERVISION:-

The contractor shall either himself supervise the execution of the work or shall appoint at his own expense an Engineer as his accredited agent approved by the Engineer In charge, if the contractor does not himself have sufficient knowledge or experience to be capable of receiving instructions or cannot give his full attention to the works. The Contractor or his agent shall be present at the site(s) and shall superintend the execution of the work or works with such additional assistance in each trade, as the work involved shall require and considered reasonable by the Engineer In charge. Directions/instructions given by

Engineer/In charge to the Contractor's agent shall be considered to have the same force as if these had been given to the contractor himself.

If the contractor fails to appoint a suitable agent as directed by the Engineer In charge, the Engineer In charge shall have full powers to suspend the execution of works until such date as suitable agent is appointed by the contractor and takes over the supervision of the work. For any such suspension, the contractor shall be held responsible for delay caused to the works

2.25 CONTRACTOR TO SUPPLY, PLANT, LADDERS, SCAFFOLDING AND SAFETY MEASURES ETC:-

The contractor shall supply at his own cost all materials except such special materials, if any, as may be supplied from the PSPCL's stores in accordance with the contract, plants tools, appliances, implements, ladders, cordage, tackle fuels, lubricants, gases, scaffolding and any temporary works etc. which may be required for the proper execution of the work in the original, altered or substituted and whether included in the specification or other documents forming part of the contract or referred in these conditions or not and which may be necessary for the purpose of satisfying or complying with the requirements of the Sr.Executive Engineer as to any matter on which under these conditions he is entitled to be satisfied or which he is entitled to required together with carriage thereof to or from the work. The contractor shall also supply the requisite number of persons with means and materials necessary for the purpose of setting out works and counting, weighing and assisting in the measurement at any time and from time to time of the work or materials. Failing this the same may be provided by the Engineer at the expenses of the contractor and the expenses may be deducted from any money due to the contractor under the contract or from his security deposit or the proceeds of sale thereof or sufficient portion thereof. The contractor shall provide all necessary fencing and lights required to protect the public from accident and shall also be bound to bear expenses of defense of every suit, action or other legal proceeding at Law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person or, which may with the consent of the contractor be paid in compromising any claim by any such person.

2.26 WORK ON SUNDAYS/GAZATTED HOLIDAYS:-

NO work shall be done on Sundays and gazetted holidays without the sanction in writing of the Sr. XEN City Barnala.

2.27 COMPENSATION UNDER WORKMEN'S COMPENSATION ACT:-

The contractor shall be responsible for and shall pay any compensation to his workmen payable under the workmen's compensation Act, 1923 (VIII of 1923) hereinafter called the said Act for injuries caused to the workman. If such compensation is paid by the PSPCL as principal under sub section (i) of section 12 of the said Act on behalf of the contractor, it shall be recoverable by the PSPCL from the contractor under sub-section (2) of the said section. The contractor shall pay such amount of the compensation on demand, failing which it will be recovered from him by deducting it from any sums that may be due or become due to the contractor by the PSPCL under the contract or otherwise.

2.31 OTHER TERMS AND CONDITIONS:-

1. All the terms and conditions specified in the NIT and in the different sections of the tender specification shall be applicable on the contractor and form the part of the contract agreement.
2. Income Tax @ 2.00% or as applicable at the time of making payment will be deducted from the total value of the work done.
3. Security will be deducted at the rate of 5% of work done from each running bill. Earnest money already deposited shall be adjusted against the security deposit and the remaining security shall be deducted from the remaining bills of contractors. .
The contractor must ensure the completion of work within 30 days of issue of work allotment order.

4. Works/Sales Tax will be deducted as per PSPCL/ Govt. instructions, if applicable.
5. The documentary proof of possessing of GST No. will be produced at the time of signing contract agreement.
6. If the contractor fail to execute this work up to the stipulated period, a penalty of 0.5% per week will be imposed upon contractor subject to the maximum of 10% of the total cost of the work order.
7. All legal proceeding relating to this work will be in the territorial jurisdiction of concerned Civil Court relating to the contract signing authority.
8. The rates quoted by the contractor should be inclusive of all taxes and charges etc.
9. No claim on account of fluctuations of prices due to war / any other cases shall be entertained. No claim for any labour rendered idle on account of stoppage of work or any other reason shall be entertained.
10. All manpower deployed by the contractor should be familiar with electrical lines and no person should be deployed less than 18 years of age.
11. The onus of responsibility in case of death or injury to the labour/ worker during the currency of work or at the time of execution of work will fully lie with the contractor / executive agency. PSPCL will bear no claim/ responsibility in this regard whatsoever.
12. Any excess payment made to the contractor inadvertently or otherwise under this contract or on any account what-so-ever in respect of this contract or any other contract may be deducted from any sum what-so-ever payable by the PSPCL to the contractor either in respect of this contract or any other allotment letter of contract or on any other account and in any office of the PSPCL.
13. The contractor shall be responsible for making his own arrangement for priorities of licenses/royalty and T&P etc.
14. The work should be executed as per standard design of PSPCL.
15. The work of contractor would be under the supervision of certified electrical supervisor and the contractor will submit supervisor's test report of the works done along with bills.
16. The work will be inspected by the Chief Electrical Inspector of Punjab Govt. CEI inspection fees will be deposited by the PSPCL. If any defect/ discrepancy pointed out by the CEI in his inspection report , the same will be rectified by the contractor at his own cost and no additional fees/ payment will be borne by the PSPCL.
17. The contract agreement will be signed on a non-judicial stamp paper worth Rs.15/- (Cost of which will be borne by the contractor) within 7 days of the date of issue of allotment letter.

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SECTION –III
PERFORMANCE OF THE CONTRACT & PAYMENTS

3.1 PENALTY FOR DELAY:-

The time allowed for carrying out the work as entered in the contract shall be strictly observed by the contractor and shall be reckoned from the date on which order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to be the essence of the contract on the part of the contract) and the contractor shall pay as penalty an amount equal to one half percent of the estimated cost of the whole work as shown in the contract for every week, the work remains unfinished after the contract completion period, provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed 10 percent of the estimated or actual cost of work whichever is higher.

3.2 ACTION AND COMPENSATION PAYABLE IN CASE OF BAD WORK:-

If it shall appear to the Engineer-in-Charge or his subordinate in charge of the work, that any work has been executed with unsound imperfect or unskillful workmanship, or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer-in-charge specifying the work materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for forthwith rectify or remove and reconstruct the work as specified in whole or in part as the case may require or as the case may be, remove that materials or articles so specified and provide other proper and suitable materials or articles at his own proper charge and cost, and in the even of his failing to do so within a period to be specified by the Engineer-in-Charge may rectify or remove and re-execute the work or remove and replace with other material or articles complained of as the case may at the risk and expense in all respect of the contractor.

3.3 PAYMENTS:

- a) The contractor shall submit all bills on the printed forms to be had on application at the office of the Sr XEN Operation concerned and charges in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions and not mentioned or provided for in the tender at the rates hereinafter provided for such works.
- b) A bill shall be submitted by the contractor each month on or before the date fixed by the Sr. XEN Operation concerned for all works executed in the previous month and Sr. XEN shall take or cause to be taken the requisite measurement for the purpose of having the same verified and the claim, as far as admissible, adjusted, if possible before the expiry of ten days from the presentation of bill, if the contractor does not submit the bill within the time fixed as aforesaid, the Sr XEN may depute a subordinate to measure up the said work in the presence of the contractor, whose counter signature to the measurement list will be sufficient warrant and the Sr. XEN may prepare a bill from such list which shall be binding on the contractor in all respects.
- c) No payment shall be made for works estimated to cost less than rupees ten thousand, till after the whole of the works shall have been completed and a certificate of the completion given. But in the case of works estimated to cost more than rupees ten thousand the contractor shall on submitting the bill thereof be entitled to receive a monthly payment proportionate to the part thereof when approved and passed by the Engineer-in-charge, whose certificate of such approval and passing of the sum so

payable shall be final and conclusive against the Contractor. But all such intermediate payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and complete, and shall not preclude the requiring of bad, unsound and imperfect or unskillful work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the contract or any part thereof in any respect, or the accruing of any claim, nor shall it conclude, determine, or affect in any way the powers of the Engineer-in-charge under these conditions, or any of them as to the final settlement and adjustment of the accounts or otherwise, or in/any other way vary or affect the contract. The final bill shall be submitted by the contractor within one month of completion of the work otherwise the Dy.CE/SE/Sr.XEN's Certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties. The payment schedule is given in Section-V.

d) The above payments terms shall be further regulated as under: -

- i) The contractor shall bring the material strictly in erection sequence as per directions of the Engineer-in-charge.
- ii) The contractor shall indemnify the PSPCL on non-judicial stamp paper against safe custody of the said material and that the same material will be used for execution of work for which the payment has been made.

e) Terms of Payment: -

Payment to the contractors will be released only after site verification of the material received before erection and for erected works; the payment shall be released after measurement of erected works by Sr XEN of concerned Div. After the work is completed, final bill would be paid on the certification of an officer not below the rank of Sr.Xen (Operation) that the work is done according to drawings and specifications attached to the tender, if any additions and alterations have carried out, detailed measurements in respect thereof shall be recorded and extra payments or deduction are to be regulated as per item rates quoted by the contractor while submitting the tender and if there are any items in the additions and alteration for which the contractor has not quoted a rate, the payment shall be regulated as per clause for "extra items".

3.17 SIGNING OF RECEIPTS FOR PAYMENTS:-

The PSPCL may refuse or suspend payments on account of a work when execution by a firm or by contractor described in their tender as firm unless receipts are signed by all the partners or one of the partners or some other person who produces written authority enabling him to give effectual receipts on behalf of firm.

3.18 ARBITRATION CLAUSE:-

- a) If any question, difference or objection, whatsoever shall arise in any way connected with or arising out of this instrument or the meaning or operation of any part thereof for the rights, duties or liabilities of either party then save in so far as the decision or any such matter is herein before provided and has been so decided every such matter including whether its decision has been otherwise provide for and/or whether it has been finally decided accordingly,

or whether the contract should be terminated or has been rightly terminated and as regards the rights and obligations of the parties as the result of such termination shall be referred, for sole arbitration of the nominee of the PSPCL, who in case of dispute involving an amount exceeding Rs.50,000/- shall give a reasoned award and his decision shall be final and binding and where the matter involves a claim for the payment or recovery or deduction of money, only the amount, if any awarded in such arbitration shall be recoverable in respect of the matter so referred. If the matter is not referred to arbitration within 180 days of the date of completion of work or payment of the final bill whichever is later all the rights and claims under the contract shall be deemed to have been forfeited and absolutely barred.

- b) Upon every or any such reference, the cost of and incidental to the reference and award respectively shall be in discretion of the Sole Arbitrator so appointed who may determine the amount thereof or direct the same to be taxed as between solicitor and client or as between party and party and shall direct by whom and to whom and in what manner the same is to be borne and paid.
- c) The work under the contract shall be continued during the arbitration proceedings and no payment due or payable by the purchaser/PSPCL shall be with held on account of such proceedings.

3.19.1 DISMANTLED MATERIALS:-

All the dismantled materials received from the dismantlement of feeder etc. shall have to be handed over to the owner & stacked in a manner approved by the Engineer in stores/site without any extra cost to the owner.

3.20 PRIORITIES & LICENCES BY CONTRACTOR:-

The contractor shall be responsible for making his own arrangement for priorities or licenses, for all materials, which are not to be supplied by the Punjab State Electricity PSPCL. Only recommendatory letters where necessary shall be issued on the specific request by the contractor.

3.21 JURISDICTION:-

Jurisdiction for filing any suit in case of any dispute shall be the Court at the Headquarters of PSPCL's contract signing authority i.e. Civil Court Barnala.

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SECTION-IV

FAIR WAGE CLAUSES & LABOUR REGULATIONS

4.1 FAIR WAGES:

- 4.1.1** The contractor shall pay not less than fair wage to labor engaged by him on the work. Fair wage means wage whether for time or piece work notified from time to time for the work and where such wages have not been so notified the wages prescribed by the Punjab Government, PWD/PSPCL for District in which the work is done.
- 4.1.1** The contractor shall notwithstanding the provisions of any agreement to the contrary, cause to be paid fair wage of laborers indirectly engaged by him on the work in claiming any labor engaged by his contractor in connection with the said work as if the labourers had been directly employed by him.
- 4.1.2** In respect of all labour directly or indirectly employed on the works for the performance of the Contractor's part of the agreement the Contractor shall comply with or cause to be complied with the Punjab Govt. Contractor's labor Regulations made by the Government from time to time in regard to payment of wages, wage period, deductions from wage and other terms of employment of inspection and submission of periodical returns and all other matters of like nature.
- 4.1.3** The Sr XEN concerned shall have the right to deduct from the money due to the contractor any sum required or estimated to be required for making good of non-fulfillment of conditions of the Contract from the benefits of the works. Non-payment of wages or decisions made from him or their wages which are not justified by the terms of the Contractors or for observance of the regulations
- 4.1.4** Vis-à-vis Punjab Govt. /PSPCL. The Contractor shall be primarily liable for all payments to be made under and for the observance of the regulations without prejudice to his right to claim indemnity for his Sub-Contractor.
- 4.1.5** No labour below the age of 14 years shall be employed on the work.
- 4.1.6** It will be the responsibility of the Contractor to ensure that trees in the camp site and in the vicinity, there fruit etc. are not damaged by his labor or agent. Cost of such damage, if any, shall be assessed at the discretion of the Sr. XEN and deducted from the bill of the contractor.

4.2 CAMPS & CONVENIENCES:

- 4.2.1** Suitable temporary hutting, accommodation as in the opinion of the concerned Sr. XEN may be necessary, outside the premises of the PSPCL's land. The Contractor shall not put up any unauthorized canteens or tea shops on PSPCL's property without the knowledge and prior approval of the Sr. XEN in writing.
- 4.2.2** Trenches, Latrines, bathing enclosures and platform separately for men and women and their regular cleanliness to the satisfaction of the Medical Officer In- charge of the area.
- 4.2.3** Clean drinking water to be provided by the Contractor.
- 4.3** In the event of his failure to provide any or all the above amenities the same shall be provided by the Govt. and the cost recovered from the Contractor. The Sr. XEN whose decision shall be binding shall settle any dispute regarding the above points.

4.4 MONTHLY RETURN REGARDING WAGES:

The Contractor shall be required to submit to Labour Welfare Officer/ Sr. XEN, on the tenth of every month a return on the prescribed form for the payment of wages under the fair wage clause. This failure of the Contractor to do so shall be considered as breach of the Contract and will be dealt with as such.

4.5 CONTRACTOR'S LABOUR REGULATIONS:

4.6 4.4.1 DEFINITIONS:

In these regulations unless otherwise expressly indicated the following works and expressions shall have the meaning hereby assigned to them respectively, that is to say:

- a) Labour means workers as employed by PSPCL/Public Works Department by the Contractor directly or indirectly through a Sub-Contractor/or other person or any agent on his behalf.
- b) 'Contractor' shall include every person whether a Sub-Contractor or headman or agent, employing labour on the work taken on contract.
- c) 'Wage' shall have the same meaning as defined in the payment of wages Act, 1936 and includes time and piecework rate wages.

4.4.2 DISPLAY OF NOTICES REGARDING WAGES ETC.

The Contractor shall before the commences his work on contract display and correctly maintain and continue to display and correctly maintain in a clean and legible conditions in conspicuous places on the work notice in English and the local Indian Languages spoken by the majority of the workers, giving the particulars of wages and other alike matter as required under regulations.

4.4.3 PAYMENT OF WAGES:-

- a) Wages due to every worker shall be paid to him directly.
- b) All wages is paid in current coins or currency or in both.
- c) The Contractor shall fix the wage periods in respect of which the wages shall be payable.
- d) No wage period shall exceed one month
- e) Wages of every workmen employed on the Contract shall be paid before expiry of the day after the last day of the wage period in respect of which the wages are payable.
- f) When the employment of any worker is terminated by or on behalf of the Contractor, the wages earned by him shall be paid before the expiry of the day succeeding the one on which his employment is terminated.
- g) All payment of wages shall be made on a working day.
- h) Wage register and wage card etc:

The Contractor shall maintain a wage register of workers, in such form as may be convenient, but the same shall include the following particulars.

- i) Rate of daily or monthly wages.
- ii) Nature of work on which employed.
- iii) Total amount payable for the work during each wage period.
- iv) Total numbers of days worked during each wage period.
- v) All deductions made from the wages with an indication in each case on the ground for which the deduction is made.

- vi) Wages actually paid for each wage period.
- vii) The Contractor shall also maintain a wage card for each worker employed on the work.
- viii) The authority competent to accept the Contract may grant an exemption from the maintenance of wage register and wage cards, to a Contractor who in his opinion may not directly or indirectly employ more than one hundred persons on the work.

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SECTION V

TECHNICAL SPECIFICATIONS

SCOPE: - The scope of this specification covers the tentative provisions of works digging work, boring beneath railway track laying of 2 No. 55 meter, 6 inch DWC HDPE pipes as per specification approved by railways for laying of underground pipes across railway crossing for further laying of 300 mm XLPE cables Of 11 KV feeders as per details given in the TENDER ENQUIRY No. /City Division Barnala Date:

The dismantled material shall be a property of PSPCL and shall be returned to PSPCL Stores by the contractor through PSPCL's official. This dismantled material, if required, to be reused for the execution of the works that shall be reused with the approval of Sr.Xen /Operation concerned or may have to be returned to PSPCL stores.

- a) The successful bidder will have to complete the work by the intended completion date specified in the contract.
- b) The scope of work shall include the supply of entire material at site as per PSPCL specification from the approved suppliers / vendors of the PSPCL, its erection, testing, clearance from Chief Electrical Inspector/ Punjab and commissioning of work shall be executed as per PSPCL Standard designs, sanctioned/ approved sketches.

If any material/equipment is not included in the technical specifications then the material shall be as per relevant ISS or of the reputed make if ISS does not exist. Any material/ equipment required for completion of the work shall be deemed to have been included in the scope of work.

- 1.1 The bidder will supply the FIRM rate of the material and the labour including all taxes, such as ED, CST, Service Tax VAT, Sales Tax, Octroi, Freight, Entry Tax and insurance charges etc. FOR destination. Price Bids with variable rates of any item will be rejected.
- 1.2 Fee statutory required under the railway rules, shall be borne by the PSPCL. But fine/ penalty payable if any will be borne by the contractor.
- 1.3 The bidder shall inform the PSPCL about the source of supply of material along with documents. Installation of material will be as per approved drawings and specification. The supplier of material will also supply the type test certificate at the time of inspection-call of items, which will be further examined by the inspection authority.

1. MATERIAL

- a) The entire material required for the completion of work shall be arranged/ supplied by the contractor at site, except for XLPE Cables which shall be supplied by PSPCL. The material has to be of the best quality and as per PSPCL specifications:

Specification for DWC HDPEPIPES:

6 inch DWC (Double Wall Corrugated) HDPE Pipe as per IS: 16025 (Part 24) :2017

- b) All material, brought at site by the contractor, will be inspected, before erection by Sr.XEN/ Operation Divn. Barnala to ascertain that the material being supplied is as per PSPCL Specifications. The contractor will inform in writing regarding source of supply of material to the Sr.XEN Operation Divn. Barnala.
- c) Contractor must furnish Routine/ acceptance tests as per applicable ISS, by the supplier to ensure/ satisfy that material to be supplied is as per PSPCL specification.
- d) The bidders/contractors shall be the consignee of the material procured by him against this Specification on receipt of material in his Store at site.

2. ERECTION OF MATERIAL

- 4.1 While execution of work at site, it is possible that site conditions involving scope of works may be at variance than the provisions made in the approved sketches/sanctioned estimates. In such cases the revised sketch as per actual work to be executed shall be prepared by the contractor and signed by concerned Sr.XEN/ DS Divn. Barnala Works shall be executed by the contractor as per approved sketch and payment shall be made accordingly as per the approved rates of individual items.
- 4.2 Quality of the erection work being executed by contractors shall be monitored by the concerned Sr. Xen/ Operation Division Barnala and the AE/AEE under him. Monitoring/checking of the erection work will be carried out by above officer extensively to ascertain that work is being executed as per PSPCL standard instructions.
- 4.3 The contractor is bound to remove defects in executed works, if any, during the execution period and ensure satisfactory functioning of the same for a period of one year from the date of handing over to PSPCL. Any charges incurred by PSPCL on account of replacement of defective material/equipment during the operational period of one year shall be recoverable from the contractor.
- 4.4 Required electrical power connection, machinery and tools etc. required for the execution of work shall be provided by the contractor & no payment shall be made by the PSPCL for the same.
- 4.5 The contractor shall be responsible for the Watch & Ward of the works/material until the same is taken over by the PSPCL.

3. DISMANTLEMENT OF MATERIAL

- (i) Complete detail of material to be dismantled, shall be prepared jointly by concerned AE/AEE (Op.) and contractor, which shall be subsequently approved by concerned Addl.SE/ Sr.Xen (Op.) before carrying out any physical dismantlement at site.
- (ii) Transportation charges for transportation of dismantled material from one site to another site or to PSPCL stores shall be included in the quoted rates.

4. HANDING OVER OF COMPLETED WORKS

After the works have been completed in all respects in accordance with the contract and clearance has been obtained from the Chief Electrical Inspector, Punjab and are energized, the contractor shall intimate the Nodal Officer (Sr. XEN/ Barnala) of the PSPCL to take over the works. Along with the request for handing over the works the complete sketch indicating the railway crossing, Forest Area, other electrical transmission / distribution lines, tele-communications lines, crossings etc. shall be supplied by the contractor. The sketches shall also indicated the complete detail of material erected, route maps with appropriate reference/ bench marks. These works shall be further handed over to concerned AE/ DS by Officer (Sr. XEN/ Operation Division Barnala)

7. MODE OF PAYMENT


Usual procedure for payment to the contractor shall be followed. However, before payment, the measurement of the works executed by the contractor shall be recorded by the JE in charge of the area checking the same by concerned AEE/AE of Division/ Sub division. These measurements shall be further countersigned by respective Sr.XEN after satisfying himself regarding erection and commissioning of quantity of material. Shortages detected, if any, will be to the contractor's account. All payments pertaining to these works shall be made by concerned Sr.Xen on receipt of duly verified and approved bills of contractors from concerned AE/AEE after verification of compliance to the requirements of insurance, inspection of material and statutory clearances as provided in the specifications.

8 RIGHT OF PATH

Sr.XEN Barnala will make available the right of path without any hindrance/delay. In case during erection, if any problem for completion/commissioning of work arises, the contractor shall bring it to the personal notice of the AEE city Sub Division barnala in writing under intimation to Sr. XEN Division Barnala. The Sr.XEN Barnala respective Sr. XEN (DS) shall be responsible to solve the dispute in the shortest possible time.

9. DEFECT LIABILITY

The Contractor shall be liable to remove the defects in executed work, if any during the execution period, and ensure satisfactory functioning of the same for the defects, liability period of 6 months, from the date of handing over to PSPCL Any charges incurred by PSPCL on account of replacement of defective material i.e. T/F cable, etc. / equipment during the operation period of 6 months shall be recoverable from the contractor. The bid security shall be released after defects liability period of 6 months.


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PRICE QUTATION PERFORMA

Work of digging and boring etc. beneath railway track for underground laying of 2 No. 55 meter, 6 inch DWC HDPE Pipes for providing 11KV electrical connectivity Pharwahi bajar railway crossing under Sub Division city Barnala as per PSPCL & Railways specifications.

S. N.	Description of Material/Work	Unit	Qty.	Rate quoted by contractor per unit (Rs.)	Amount (Rs.)
1	DWC HDPE Pipe 6 inch	Mtr	2 x 55 = 110		
2	Drilling Charges for Laying of DWC HDPE Pipe (As per Northern Railway specifications)	Mtr.	2 x 55 = 110		
Grand Total (Rs.)					

Note:

1. The rates quoted should be firm and inclusive of all taxes/charges, except GST. Applicability of GST may be mentioned clearly by the bidder.
GST, as applicable, shall be payable extra by PSPCL on submission of documentary proof of having deposited the same.
2. The Specification of the the above material at S. No. 1 shall be as per specification of PSPCL & Northern Railways.
3. Inspection of material shall be carried out by AEE S/D City Sub division Barnala or his representative according to relevant PSPCL specification and applicable IS.
4. XLPE cable, termination kits and earth rods will be provided by PSPCL.
5. Extra material dismantled at site during the work will be returned to Store by contractor as per estimate.

Name & sign.
of authorized signatory

Stamp of firm/Contractor.

CONTRACT AGREEMENT

This contract agreement made this _____ day of _____ in the year _____ between the Punjab State Power Corporation here-in-after called Purchaser and M/s. _____ have their Registered office/ works at _____ here-in-after called contractor for _____ in accordance with NIT No. _____ due on _____ and contractor's proposal No. _____ dated _____.

This is in confirmation of the advance acceptances notified in the owner's letter No. _____ dated _____ wherein the Owner has accepted the proposal of the _____ as per Work Order No. _____ dated _____