



Bhagyanagar Gas Ltd.  
BHAGYANAGAR GAS  
LIMITED

**Tender for Site Development And Preservation of Coated  
Line Pipes at Kondapally Pipe Yard at Vijayawada**

**Bid Document No. BGL/375/2017-18**

VOLUME  
II OF II



Bhagyanagar Gas Ltd.

**BHAGYANAGAR GAS LIMITED**

(A JOINT VENTURE OF HPCL & GAIL)

**BID DOCUMENT FOR**

**Tender for Site Development And Preservation of Coated  
Line Pipes at Kondapally Pipe Yard at Vijayawada**

**UNDER LIMITED DOMESTIC  
COMPETITIVE BIDDING**

**Bid Document No.: BGL/375/2017-18**

**VOLUME-II of II**



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**SECTION – 7**

**SPECIAL CONDITIONS OF CONTRACT**



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## Tender for Site Development And Preservation of Coated Line Pipes at Kondapally Pipe Yard at Vijayawada

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### **GENERAL INFORMATION:-**

The special conditions of contract shall be read in conjunction with general condition of contract(**GCC**), Schedule of rates, scope of work and any other document forming part of contract, wherever Context so Requires. **GCC** is available at tender issuing office and same shall be referred to by Tendered. Notwithstanding, the subdivisions of the documents in to separate sections every part of each shall be deemed to be supplementary of every other part and shall be read with and into the Contract so for as it may be practicable to do so. Where any portion of the special conditions of the Contract (**SCC**) is repugnant to or At variance with any provisions of the **GCC** then provision of **SCC** Shall be deemed to override the provision of **GCC** only to the extent of each repugnance or variations. In case of any contradictions the Decision of the Engineer-I In-Charge will be final and binding on the Contractor.

### **LOCATION/ SITE INFORMATION:**

It is understood that before quoting the rates, the contractor will visit the work site which is situated at BGL Pipe yard at Kondapalli and will make him/ herself acquainted fully and understand the nature and quantum of the job to be carried out. Ignorance of this will not be considered after award of work. The contractor will be responsible to complete the entire job in all respects.

1. Site development and preservation of coated pipes at Kondapalli pipe yard are to be done on urgent basis and the work shall be done continuously.
2. The bidder must mobilize adequate manpower for this site.
3. The quantities given above against individual items/ SORs are indicative and shall not be considered to be binding. The quantities may increase or decrease at site at the time of actual execution and as per the discretion of Owner/ Engineer-in-charge. The unit rate shall be operated to work out the final payment due to Contractor.
4. BGL reserves the right to operate any SOR for the full quantities or part quantities or nil quantities as per the site conditions. In this case; BGL's decision will be final and binding.

### **5. Safety rules and regulation:**

Contractor shall adopt the safety rules and regulation as per the prevailing practices. The contractor shall be executing the civil & miscellaneous jobs in the running/ already operational station, the contractor has to take utmost safety in execution of the jobs. He has to appoint one dedicated supervisor for the site at CNG Mother Station at Vakalapudi, and the works should be executed during day time from 09:00 AM to 06:00 PM by taking proper cold/ hot work permit systems. If the works are to be executed beyond 06:00PM, the contractor has to take prior approval from site-in-charge/ EIC & work station-in-charge. If any hot work like chipping, welding, cutting etc. has to be carried out, which can create sparks, fire etc., have to be done only in presence of BGL official by taking proper



approval from site-in-charge/ EIC & work station-in-charge by deploying proper fire & safety equipments like extinguishers/ fire hydrants etc. The sites, where works will be going on; should be barricaded by putting necessary steel/ tin cover or as suitable and directed by EIC for at least 1 meter height so that these should not affect/ hamper the operation/ running of the existing equipments. All the workers shall be provided with proper safety equipments like shoes, helmets, etc. Sign boards like work under progress, danger, etc shall be displayed at the work site. Contractor shall ensure quality supervision in the working areas. No hot works are allowed in the CNG area without proper clearance from BGL.

6. **Transportation of all material:**

Shall be arranged by the contractor on his own and no separate payment shall be paid. It should be included in the offered rate.

7. **All manpower, machineries Tools and tackles:**

Equipment's, tools/tackles, machinery, roller, leveler, labour, manpower etc for the work shall be in the scope of contractor.

8. **Validity of contract period:**

9 months from the date of award of work.

9. **Completion Time:**

Total duration for completing SOR jobs is 4 months from the date of release order and handing over of site as communicated by BGL to be intimated through letter or email by BGL EIC.

10. **Mobilization Period:**

10 days from date of intimation by BGL –EIC excluding completion time.

11. **Mobilization Advance:** Nil

12. **Defect Liability Period:**

The defect liability period for this work is 12 months to be reckoned from the date of actual completion of work as certified by the Engineer-in-charge. After DLP is over; applicable warranty will enforce for waterproofing work executed. The same shall be provided by the agency before processing of final bill by the way of authorized applicator.

13. **Price reduction Schedule (LD):**

The price reduction schedule to be made applicable against individual release order of each site with specific completion period of each site. In case the



CONTRACTOR fails to complete the WORK within the stipulated period, then, unless such failure is due to Force Majeure as defined in article 3.12 of GCC; or due to EMPLOYER's defaults, the Total Contract price for each release order shall be reduced by ½ % per complete week of delay or part thereof subject to a maximum of 5 % of individual release order, by way of reduction in price for delay and not as penalty. The said amount will be recovered from amount due to the Contractor/ Contractor's Contract Performance Security payable on demand. The decision of the ENGINEER-IN-CHARGE in regard to applicability of Price Reduction Schedule shall be final and binding on the CONTRACTOR.

**14. Security Deposit/Performance Bank Guarantee:**

Bidder has to submit PBG of 7.5% of work order value excl. Taxes & Duties. Initially 2.5% amount of BG has to be submitted by bidder after award of contract and remaining 5% shall be recovered from the RA bills.

**15. Water and power water charges:**

Water and power shall be arranged by the contractor on his own. No separate payment shall be paid for arranging the water and power.

**16. Payments:**

Monthly RA bills shall be made after completion of respective works of SOR after acceptance /approval of Engineer-In Charge.

**17. Terms of Payments:**

Payment shall be made to the contractor for the actual quantities of work executed as per the schedule of rates issued along with the work order, against cenvatable invoice supported by work measurement sheets duly signed by EIC & contractor, inspection reports, material test certificate, drawings, as built drawings duly certified by EIC/ or his representative. The payment shall be released through cheque.

**18. Abnormally high rated items (AHR) :**

In then schedule of Rates (SOR) ,where the tenderer's quoted rate(s) for the items exceeds 50 % of the Owner's estimated rate such rate shall be considered as abnormally high rates (AHR) and payments of the AHR items, beyond the SOR quantity, shall be made at the least of the following rates.

**19. Rates as per schedule of rates**

**Rate of the item, which shall be derived as follows:**

- A) Based on rates of the machine and labour as available from the contract (Which includes contractor supervision, profit, overheads and other expenses
- B) In case rates are not available in the contract, rates will be calculated based on the prevailing market rates of machine ,material and labour plus 15 % to cover contractor's supervision profit, overhead and other expenses.



**20. Extra items /Substituted items:**

If any work to be executed relating to the contracted work and rate for the same is not available in the schedule of the rate then the following methodology shall be adopted.

A) If the item of work is similar to the item for which he has quoted rates in the Schedule Of rates, the rate will be derived from similar items of work in the SOR.

B) If any item of work does not appear in the SOR quoted by the contractor in that case the rates of such items shall be derived from cost of material and labour plus 15 % to cover contractor's supervision profit, overhead and other expenses. The rate shall be derived from market rate analysis.

**21. Goods and Service Tax:**

The Quoted price/rates should be inclusive of GST and all taxes and duties. It may be noted that the responsibility of payment of GST lies with the service provider only. In case of GST is applicable for the tendered work; the contractor shall claim the GST percentage in the 1<sup>st</sup> Invoice itself. Contractor shall provide GST Tax Invoice having GSTIN of Service Provider and Service Recipient.

- a) Name and address and GST Registration No of service provider
- b) Name and address and GST No of service receiver,
- c) Description, Classification and value of GST for service provided,
- d) GST amount

Payments to Service provider for claiming GST amount will be made provided above formalities are fulfilled only. In case of any statutory variation in GST during the currency of the contract, the contractor shall submit a copy of Government notification to evidence the rate as applicable on the date of submission of bid and on the date of revision. Claim for payment of GST/statutory variation in GST, should be raised within two(2) months from the date of issue of Government Notification for payment of differential GST, otherwise claim in respect of above shall not be entertained for payment of arrears.

**22. Taxes, duties, octroi, levies etc.:**

The quoted rates/prices shall be deemed to be including of all taxes including GST, octroi, levies, over head charges etc till completion of the contract and contractor shall not be eligible for any compensation on this account. **Contractors are advised to quote the GST rate, applicable at the time of submission of offer, clearly in their commercial bid/s. While arriving the lowest bidder (among the bidders who have quoted for the work), L1, service tax shall be taken in to account while calculating the bid value.**



**23. The Engineer In charge shall have the power to :**

- A) Issue the further necessary instruction to the contractor from time to time during the progress of the work for the purpose proper and adequate execution of it and the contractor shall carry out and be bounded by the same
- B) Order the contractor to remove or replace any workmen whom the company considers incompetent or unsuitable on the opinion of the company's representative as to the competence of any workman engaged by the contractor. The decision of EIC shall be final and binding on the contractor.

**24. Photographs/Labour Permission/Vehicle Permission:**

The contractor shall arrange to make photo gate passes/labour permissions/vehicle passes etc. for his persons/labours/vehicles for working in site plant premises at his own cost as rules of the company.

**25. Responsibilities Of The Contractor And Compliance With Labour/Industrial Laws:**

- A) The contractor shall discharge obligation as provided under various applicable statutory enactments including the Employees Provident Fund and miscellaneous Provisions Act 1952, the employees state insurance (ESI) act 1948, the contract labour (regulation and abolition )act 1970, the interstate Migrant workmen (regulation of employment and conditions of service)act 1979,the minimum Wages Act, 1948 the payment of wages act 1936 ,Workman Compensation Act 1923, payment of bonus act, and various other labor legislations as in existence (at present in India) and as amended from time to time
- B) The contractor shall be responsible for required contributions towards PF, ESI, Pension or any other statutory payments to be made in respect of the contract and the personnel employed for rendering the services to BGL and shall deposit these amounts on or before the prescribed dates. Every contractor shall submit the proof of depositing the employee's and employers contributions. The contractor shall be responsible to pay any administrative /inspection charges thereof, where applicable ,in respect of the personnel employed by him for the work of BGL
- C) The contractor shall regularly submit all relevant records/documents to BGL representative for verification.
- D) The contractor shall be solely responsible for the payment of wages and other dues to the personnel, if any, deployed by him latest by 7<sup>th</sup> day of the subsequent month.





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- E) The contractor shall indemnify BGL against all claims, demands, actions, cost and charges etc brought by any court, Competent Authority / Statutory Authorities against any act or acts of the contractor or his worker.
- F) The contractor shall ensure regular and effective supervision and control of the personnel, if any, deployed by him and gives suitable direction for undertaking the contractual obligations.
- G) The contractor shall not employ or permit to be employed any person suffering from any contagious, loathsome or infectious disease. The contractor shall deploy the workers after verification of their character and antecedents. In case any worker is found having criminal record, he shall have to be immediately replaced without assigning any reason under intimation to Engineer-In Charge.
- H) The personal to be deployed to carry -out the job should be on rolls of the contractor/contracting firm.

**26. All the tender** papers must be stamped and signed



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**SECTION – 8**  
**SCOPE OF WORK**



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**Scope of Work**

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- 03.0 COMPLETION TIME SCHEDULE.
- 04.0 GENERAL INSTRUCTIONS TO THE CONTRACTOR.
- 05.0 REFERENCE SPECIFICATION, CODES AND STANDARDS
- 06.0 APPROVALS
- 07.0 PROGRESS OF WORK.



## **1.0 SCOPE OF WORK.**

The broad scope of work is essentially but not limited to the following DE WATERING OF SITE, SITE DEVELOPMENT, FILLING OF AREA AND PRESERVATION OF COATED PIPES AT KONDAPALLI PIPE YARD

- 1) De watering of proposed area for developement.
- 2) Earth Work in filling.
- 3) Sand filling in the developed area for storing the pipelines.
- 4) Re arrangement and preservation of 3 Layer PE coated and bare pipelines from existing location to the new location.

## **02.0 DETAILED SCOPE OF WORK UNDER THE PRESENT TENDER:**

Detailed scope of work is divided under different sub-heads. List of sub-heads along with different activities (with brief specification) is evolved and estimated quantities are given. The tenderer has to quote on sub-head wise per unit rate as mentioned.

Generally the following shall constitute the Contractor's scope of work but not limited to as given herein:

### **02.01 DE WATERING OF THE PLOT :**

The scope of work includes complete de watering of the water accumulated in the pipe yard by clearing the ways to connect the existing drains to the canal and with dewatering pumps. The scope includes manpower, de watering pumps and all necessary tools and tackles to complete the jobs in all aspects as per the instructions of the Engineer In Charge. The discharge of the plot dewatering pumps shall be conveyed either to drainage channels or to natural drains. The plot shall be so shored and drained that the workmen may work therein safely and efficiently.

### **02.02 FILLING OF EARTH IN THE PLOT:**

Sweet Earth: Sweet earth is the clayey earth to be obtained from borrows areas indicated in the drawings or, prospecting to be carried out by the Contractor as per detailed specifications and direction of the Owner. Earth obtained from the excavation of the plot may be used for plot filing, if found suitable (as per relevant IS code) laboratory tests. All materials required for the backfill etc shall be obtained from the designated borrow areas to be prospected & so tested by the Contractor as per specification and as shown in construction drawings or as designated by the Owner. The depth of cut in all borrow areas will be designated by the Owner and the cuts shall be made to such designated depths only. Shallow cuts will be permitted in the borrow areas if un-stratified materials with uniform



moisture contents are encountered. Each designated borrow area shall be fully exploited before switching over to the next designated borrow area. Haphazard exploitation of borrow pits shall not be permitted. The type of equipment used and the operations in the excavation of materials in borrow areas shall be such as will produce the required uniformity of mixture of materials for the embankment.

The earth used for filling shall be free from all roots, grass, shrubs, rank vegetation, brushwood, tress, sapling and rubbish.

Filling with excavated earth shall be done in regular horizontal layers each not exceeding 20 cm in depth. All lumps and clods exceeding 8 cm in any direction shall be broken. Each layer shall be watered and consolidated with steel rammer or ½ tonne roller. Where specified, every third and top must layer shall also be consolidated with power roller of minimum 8 tonnes. Wherever depth of filling exceeds 1.5 metre vibratory power roller shall be used to consolidate the filing unless otherwise directed by Engineer-in-charge. The top and sides of filling shall be neatly dressed. The contractor shall make good all subsidence and shrinkage in earth fillings, embankments, traverses etc. during execution and till the completion of work unless otherwise specified.

Note: All permission to procure borrow earth, royalties, cess and transportation, etc. shall be contractors' responsibility.

**Tamping:**

Earth fill shall be spread in layers of not more than 150 mm. in thickness when loose and shall be moistened to have the required moisture content as specified. When each layer of material has been conditioned to have the required moisture content, it shall be compacted to the specified density by rollers, mechanical tampers by other approved methods. All equipment and methods used shall be subject to approval based on evidence of actual performance and field compaction tests. The capacity of mechanical roller/tamper and number of passes required to achieve the specified [95% of MDD] shall be determined based on field tests [to match the OMC & MDD for the borrow material as determined at Approved Laboratory] before taking up the filling of earth.

**02.03 FILLING OF SAND IN THE PLOT:**

Supplying and filling Sand in 100mm thick layers watering, ramming, consolidating and dressing the surface including cost of sand(Zone-II/Zone-III sand only) complete in all respects as per scope of work, detailed constructions drawings as per technical specifications and directions of the Engineer-In-Charge.

**02.04 RE ARRANING OF PIPES AT PIPE YARD:**

This SCOPE covers the minimum requirements for shifting and re arrangement of bare and Polyethylene coated line pipe.



### **02.04.01 REGULATIONS AND STANDARDS**

- Contractor shall meet or exceed the requirements of the latest edition of the following codes, regulations and standards, except as superseded herein. In cases where more than one code, regulation or standard apply to the same condition, the most stringent shall be followed. In the even of a conflict between this specification and other specifications or correspondence, the OWNER / shall be consulted and a ruling, in writing, shall be obtained before any work is started.

1. API RP 5L 1-Recommended Practice for Railroad Transportation of Steel Line Pipe.
2. API RP 5LW-Recommended Practice for Transportation of Line Pipe on Barges and Marine Vessels.
3. DIN 30670-Polyethylene Coatings for Steel Pipes and Fittings.

All Laws and Regulations of Authorities having jurisdiction over transportation of goods in all locations between the point of lading and the destination.

- Some requirements in this specification may be modified by specific requirements in the Purchase Specification. In case of conflict, the specific requirements supersede this specification.
- Any deviation from this specification must be approved, in writing, by OWNER. Such written approval must be obtained prior to the commencement of any work which would constitute such a deviation.

### **02.03.02 GENERAL**

#### **➤ Definitions**

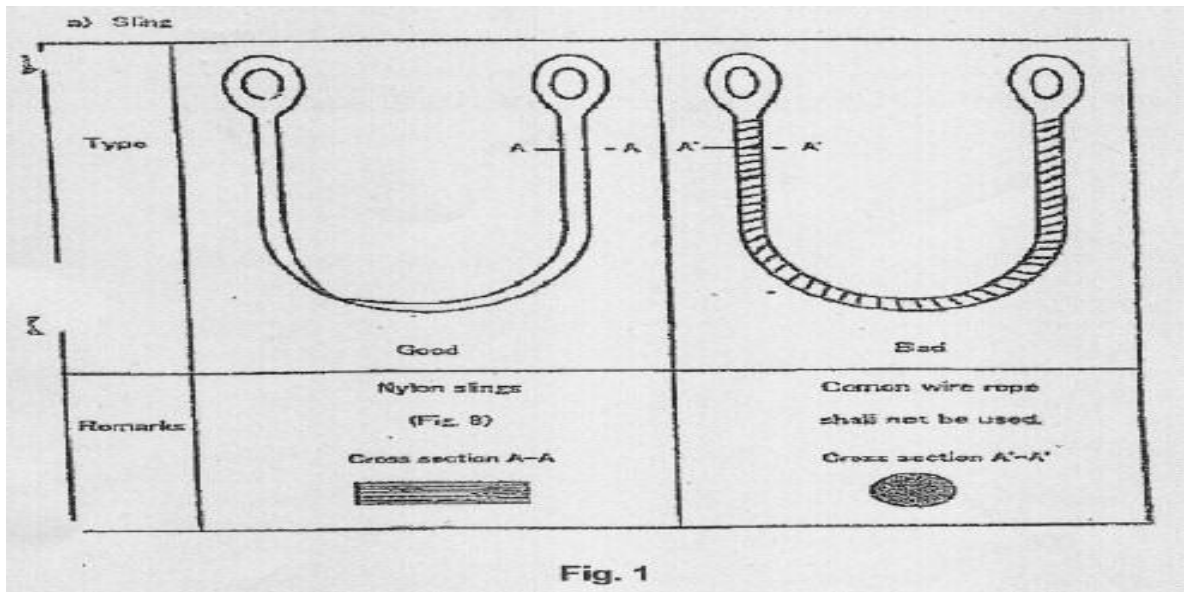
For this specification the following definitions shall apply:

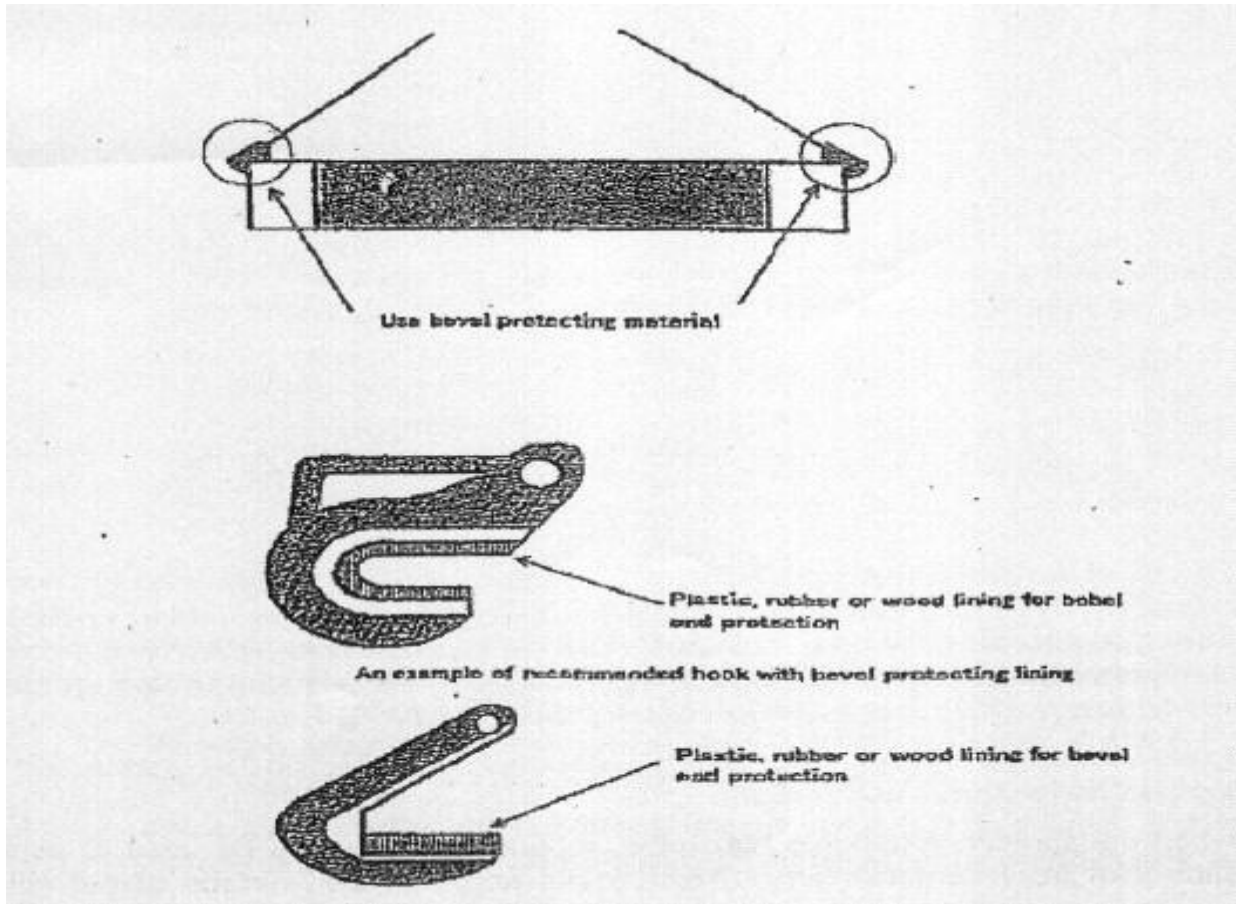
- OWNER - BHAGYANAGAR GAS LTD.  
CONTRACTOR - The Company named as such in the deed.  
SHALL/MUST/IS TO BE - A mandatory requirement  
SHOULD - A non-mandatory requirement, advisory or recommendation.

- Transportation and handling of line pipe to this specification shall meet the requirements of API RP 5L1 OR API RP 5LW as applicable, as well as the requirements of this specification which exceed the requirements of API RP 5L1 or API RP 5LW.
- Pipe shall be transported, handled and stored in a manner such that corrosion and mechanical damage, to both pipe and coating are prevented until the pipe has been delivered to designated stockpile area.



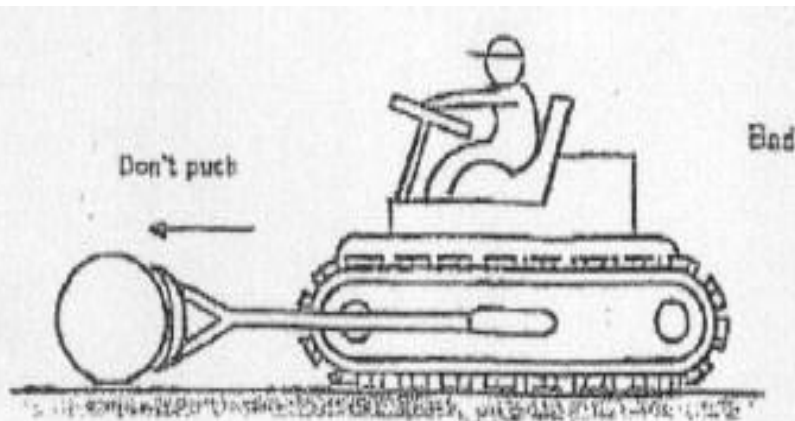
- Special attention shall be paid for loading/unloading and handling works so as to prevent damage of pipe body and polyethylene.
- Nylon Sling or pipe handling hooks which do not damage pipe ends shall be used for loading/unloading and stacking Refer Fig. 1 & 2.



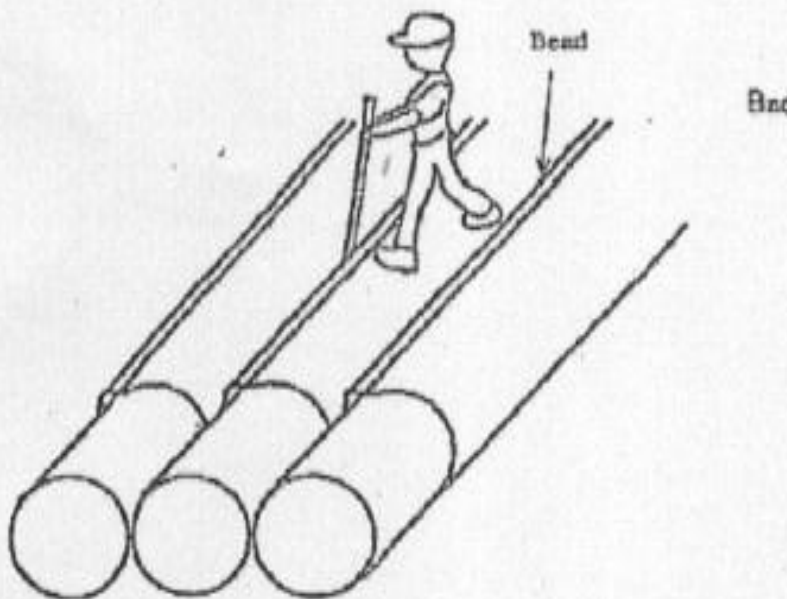


- Any shock or pressure by hard substance which may damage the surface of pipe body and polyethylene coating should be avoided Refer Fig. 3 & 4.





**Fig. 3**



**Fig. 4**

- Pipe shall be stacked in a nested manner such that the weld seams of the pipes are kept free from contact with other pipes or blocking.
- Loading of pipes of different outside diameter in one stack shall be avoided.
- Any additional requirements to be applied to a particular purchase shall be included on specification sheets accompanying the Purchase inquiry. This specification sheet shall be deemed as part of the project specification.
- If pipes of the same outside diameter but different wall thickness or steel grade are loaded in one stack, pipe with the higher steel grade shall be loaded under

lower steel grade, or heavier wall thickness shall be loaded under lighter wall thickness. For loads of mixed steel grade and wall thickness, the product of steel grade and wall thickness shall be used to determine stacking order.

- Joints shorter than the average joint length shall be loaded on top, and in any case shall not be loaded in bottom tiers.

#### **02.03.04 TRUCK/ TRAILOR TRANSPORTATION**

- Transportation of line pipe by truck to this specification shall comply with the laws and regulations of authorities having the jurisdiction over transportation of goods in all jurisdictions between the point of loading and location of destination. Loading and handling procedures shall comply with the requirements of API RP 5L1 for loading and handling for rail transportation where applicable.
- Wooden Dunnage shall be laid at approximately same interval. Soft material such as rubber sheet should preferably be applied between pipe and dunnage.
- Pipe shall be stacked in a nested manner such that the weld seams of the pipes are kept free from contact with other pipes or blocking.
- Loading of pipes of different outside diameter in one stack shall be avoided.
- If pipes of the same outside diameter but different wall thickness or steel grade are loaded in one stack, pipe with the higher steel grade shall be loaded under lower steel grade, or heavier wall thickness shall be loaded under lighter wall thickness. For loads of mixed steel grade and wall thickness, the product of steel grade and wall thickness shall be used to determine stacking order.
- Joints shorter than the average joint length shall be loaded on top, and in any case shall not be loaded in bottom tiers.
- Pipe shall be stacked suitably so as not to deform the bottom layers of the pipe.
- Trucks shall be provided with fenders/mud flaps to prevent stones and gravel from impacting the pipe
- When transporting exterior coated pipe, rubber padding shall be used to separate each joint from contact with adjacent joints and with the surface of the rail car. Reasonable care shall be used in handling to ensure that the pipe reaches its destination with coating intact and undamaged.
- Details of handling/loading procedures for each size or type of pipe shall be provided in writing to OWNER for approval, prior to commencement of loading operations. OWNER review and/or approval of Contractor's procedures do not relieve the Contractor of any responsibility for complying with all of the requirements of this specification.



### **02.03.05 INSPECTION**

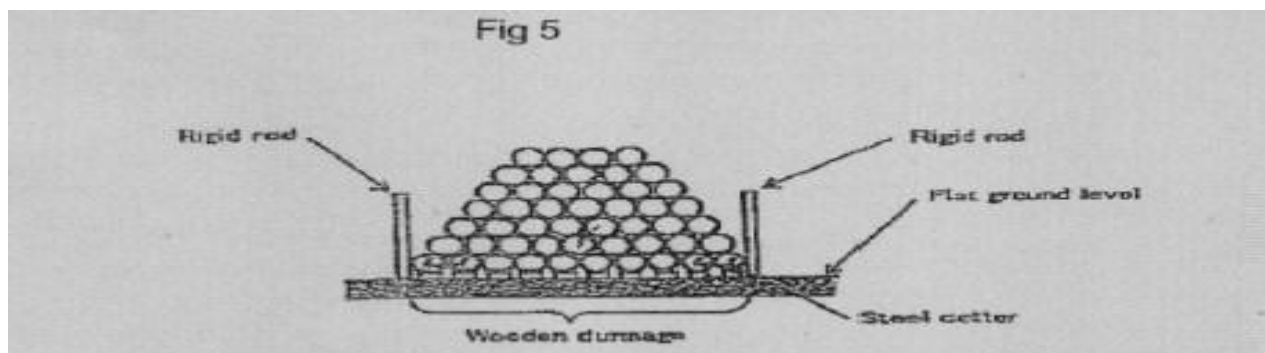
Contractor shall give OWNER a minimum of ten (10) working days written notice, prior to commencement of any loading/unloading operations. OWNER / CONSULTANT reserves the right to inspect at any time, without advance notice, at point of loading, or at any point in transit, any loading/unloading or transportation operation.

### **02.03.06 SAFETY**

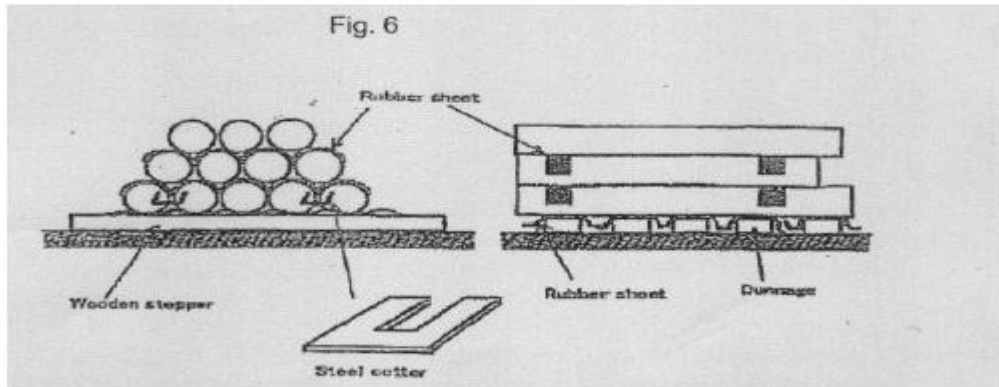
Contractor shall comply with local Occupational Health and Safety laws and regulations and with local laws and regulations governing transportation of goods by railroad, truck or water as applicable.

### **02.03.07 STORAGE AT PIPE YARD**

- To avoid sinking, the pipe yard shall be compacted and levelled.
- Proper drainage of water shall be maintained so that there is no water logging in the pipe yard.
- The approach to pipe yard shall be motorable.
- All the development plans for pipe yard shall be submitted for OWNER approval.
- Special attention shall be paid for loading/unloading and handling pipes so as to prevent damage of pipe body and coating.
- Nylon slings or pipe-handling hooks which do not damage pipe ends shall be used for loading/unloading and stacking.
- Any shocks or pressure by hard substance which may damage the surface of the pipe body and coating should be avoided.
- Pipes can be stored horizontally and parallelly. Refer Fig. 5.



- Wooden Dunnage shall be laid on the ground approximately at the same interval.
- For both ends of bottom tier suitable wooden stoppage shall be applied and fixed with nails or spikes. Refer Fig. 6.



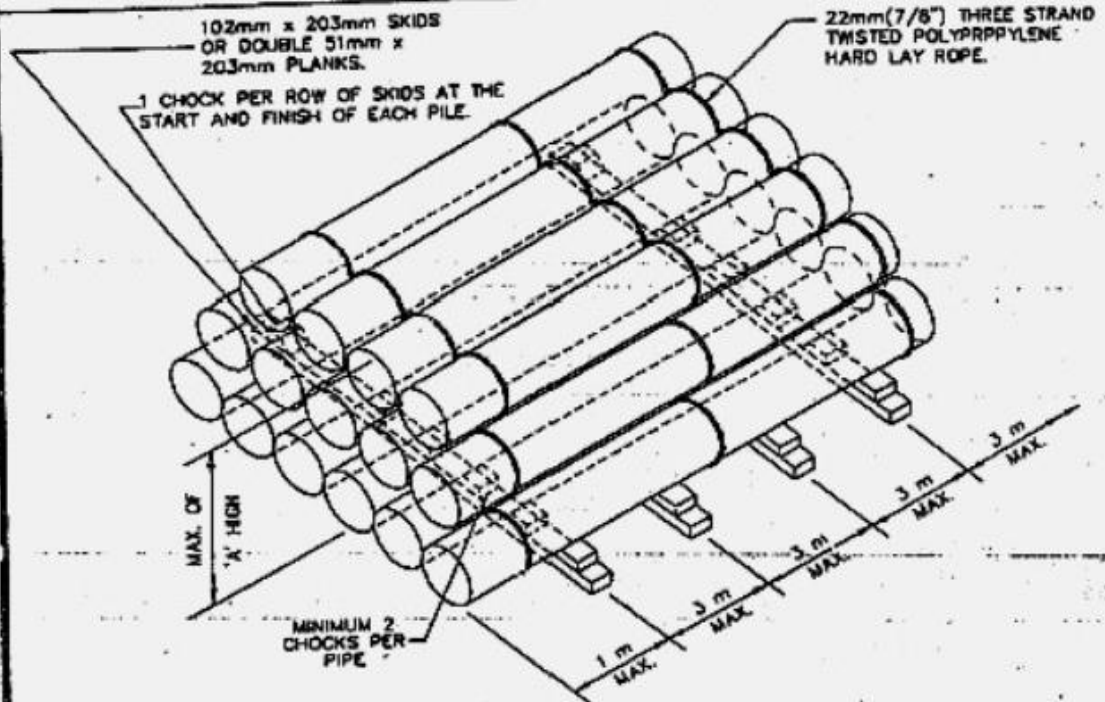
- Applicable international standard shall be followed for storage of the coated and bare pipes at pipe yard. Contractor to furnish copies of relevant standard followed. Pipes shall be placed so as they don't contact each other.
- The parts of equipments/items which come in direct contact with pipes for handling the coated pipes shall be of rubber coated or such material which can avoid damage to the pipes.
- Pipes should be stored using pallets, rubber sheets or any other soft material.
- Rubber sheet or any other soft material to be used in between pipes to avoid pipe to pipe contact so as to avoid damage to pipes



SIZE (in)	'A' (NO OF ROWS)	CIRCUMFERENCE OF FINISHED LOOPS(mm)	SIZE (in)	'A' (NO OF ROWS)	CIRCUMFERENCE OF FINISHED LOOPS(mm)	SIZE (in)	'A' (NO OF ROWS)	CIRCUMFERENCE OF FINISHED LOOPS(mm)
8"	6	750	20"	4	1580	30"	3	2500
10"	6	910				34"	3	2960
12"	5	1070				36"	3	3030
16"	5	1360	24"	4	2020	42"	3	3510

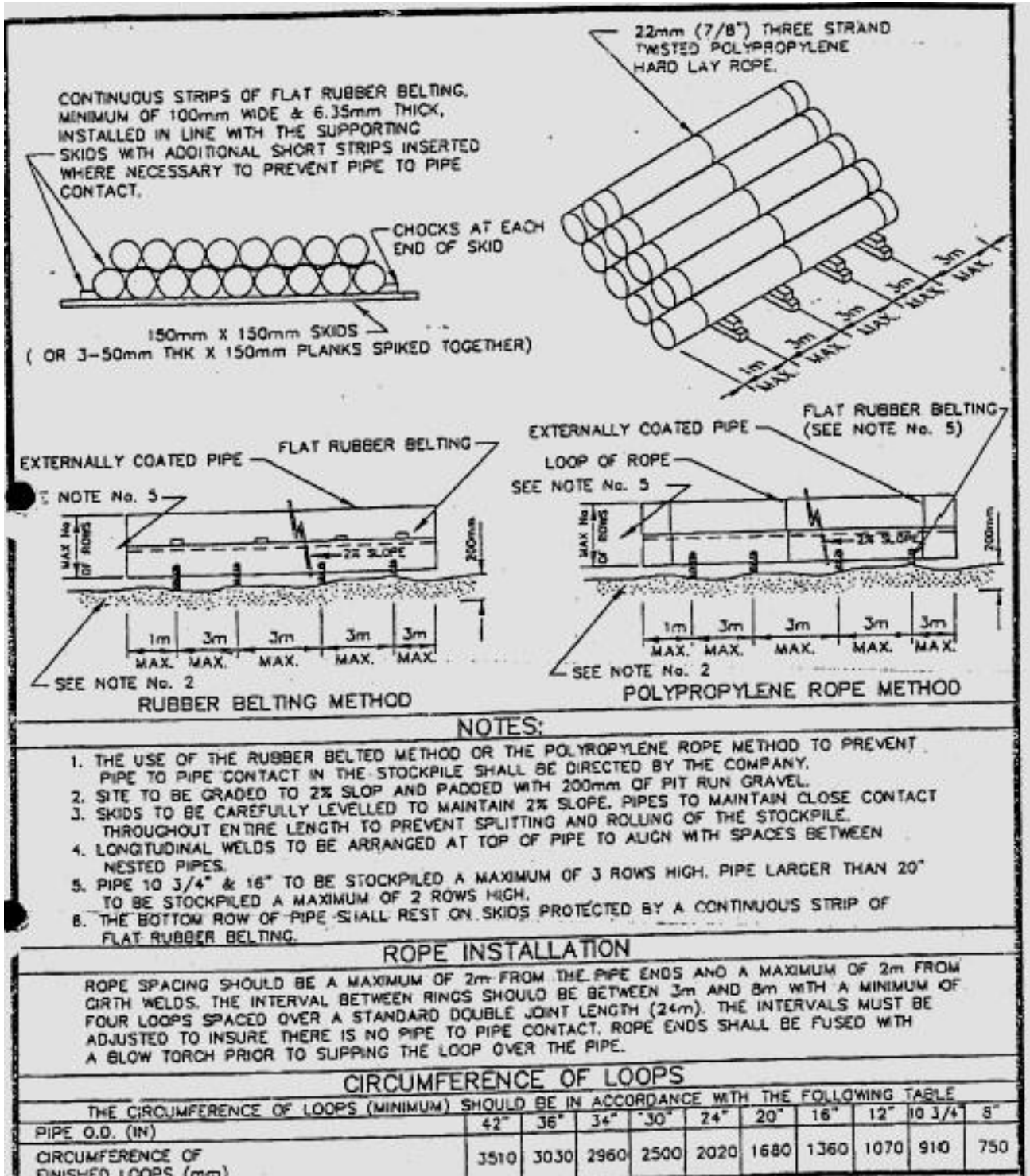
**ROPE INSTALLATION**

ROPE SPACING SHOULD BE A MAXIMUM OF 2m FROM THE PIPE ENDS AND A MAXIMUM OF 2m FROM GIRTH WELDS. THE INTERVALS BETWEEN RINGS SHOULD BE BETWEEN 3m AND 8m WITH A MINIMUM OF FOUR LOOPS SPACED OVER A STANDARD DOUBLE JOINT LENGTH (24m). THE INTERVALS MUST BE ADJUSTED TO INSURE THERE IS NO PIPE TO PIPE CONTACT. ROPE ENDS SHALL BE FUSED WITH A BLOW TORCH PRIOR TO SLIPPING THE LOOP OVER THE PIPE.



**NOTE**

1. THE USE OF ALTERNATE METHODS FOR STOCKPILING PIPE AND/OR THE USE OF ALTERNATE MATERIALS FOR PREVENTING PIPE TO PIPE CONTACT SHALL REQUIRE THE APPROVAL OF THE COMPANY.





### **03.0 Completion Time Schedule:**

**All works as mentioned in the scope of work shall be completed in a time period of 4 Months from the date of issue of work Order.**

### **04.0 General Instructions to the Contractor**

- Plan and prepare a schedule for execution and work implementation as per QA/QC plans to be approved by BGL.
- Get from BGL the latest revision of all documents/ drawings at the commencement of work / during the course of construction and execution of work at site.
- In case any discrepancy is found between drawings & documents, the same shall be brought to the notice of the Engineer-in-charge before execution of work and decision of the Engineer-in-charge shall be final and binding to the contractor without any extra cost implication to BGL.
- Specification and descriptions of various items are for identification of material and works to be carried out under them. No cost shall be quoted against these unless mentioned.
- Quantities as mentioned are indicative and can have a variation from the quantities actually executed. The contractor is advised to work out the breakup of individual work items and quantities at his own before quoting any rates. BGL is not liable for any discrepancies in the quantities and no extra time or cost shall be granted on this pretext.
- The contractor has to obtain all types of statutory approvals including completion certificate, approval from electrical inspector for electrical work and all other approvals that might be required to commission the station, from various relevant authorities during the course of work and after completion of works in co-ordination with BGL, without any cost implication to BGL.
- The contractor has to arrange all tools and plants, site fencing material, lighting arrangements, store, electricity and water at his own cost.
- The contractor should quote keeping this in mind that no request for escalation in the cost shall be entertained under any circumstances by Owner after placement of order.
- The work shall be carried out in city conditions and generally close to the roads and public services conveying a considerable volume of vehicular traffic and human activity. It is deemed necessary that the tenderer considers the "SAFETY" as the MOST IMPORTANT aspect of working conditions and is required to include in his offer all costs (direct and indirect) towards observance, compliance and provision of all safety appurtenances and norms.



- Receiving SS tubes, fittings and other free issue items from BGL's stores and bringing it to site, keeping proper care of, storing the same till they are used for construction and returning the unused material to the store.
- Handing over the completed works to BGL for their operation/ use purposes.
- Any other activity(ies) not mentioned/ covered explicitly above, but otherwise required for satisfactory completion/ operation/ safety/ statutory/ maintenance of the works shall also be covered under the Scope of Work and has to be completed by the Contractor within specified Schedule of Items of Works at no extra cost to BGL.

**05.0 REFERENCE SPECIFICATION, CODES AND STANDARDS**

The contractor shall carry out the work in accordance with this Specification, approved construction drawings issued by BGL, Standards or relevant BIS code as might be required. Should the Contractor find any discrepancy, ambiguity or conflict in or between any of the Standards and the contract documents, then this should be promptly referred to the Engineer-in-charge (EIC) for his decision, which shall be Considered binding on the contractor.

**06.0 APPROVALS**

Approval in principle for all work should be obtained from EIC prior to execution.

To ensure smooth execution of the work on a day-to-day basis it will be the Contractors responsibility to liaison with EIC / concerned engineer and obtain Necessary approvals.

**07.0 PROGRESS OF WORK**

The Contractor shall proceed with the Work under the Contract with due expedition and without delay .The EIC may direct in what order and at what time the various stages or parts of the work under the Contract shall be performed. If the Contractor can reasonably comply with this direction, the Contractor shall do so. If the Contractor cannot reasonably comply, the Contractor shall notify the EIC in writing giving reasons.





Bhagyanagar Gas Ltd.

BHAGYANAGAR GAS  
LIMITED

**Tender for Site Development And Preservation of Coated  
Line Pipes at Kondapally Pipe Yard at Vijayawada**

**Bid Document No. BGL/375/2017-18**

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**SECTION – 9  
SCHEDULE OF RATES**

S.No	Description	UOM (A)	Qty (B)	Unit Rate excluding all taxes and duties in Rs (C)	Total Rate excluding all taxes and duties (D=B xC)
1	Dewatering of pipe yard area: Complete De watering of the Water accumulated in the pipe yard by clearing the ways to connect the existing drains to the canal and with dewatering pumps. The scope includes the manpower, de watering pumps and all necessary tools and tackles to complete the job in all aspects as per the instructions of the Engineer In Charge	LS	1		
2	Receiving, Handling and shifting of the Owner supplied 3-Layer PE coated and bare line pipes from the existing location to the developed area with use of proper handling equipments, stacking of the material on sleepers (Sleepers to be supplied by the contractor) and sand bagsetc complete as per enclosed sketch, technical specifications and directions of the Engineer-In-Charge.	Nos	720		
3	Earth work in filling with good quality imported earth in the layers of 150 mm and compacted up to 95% to its MDD up to 0.5 m height and any plan dimension including all testing, watering, rolling each layer with 1/2 tonne roller or wooden or steel rammers, and every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing / filling up ground depressions etc. complete in all respect as per scope of work, detailed construction drawings , as per technical specifications and directions of the Engineer-in-charge.	Cu Mtrs	529.2		
4	Supplying and filling Sand in 100mm thick layers watering, ramming, consolidating and dressing the surface including cost of sand complete in all respects as per scope of work, detailed constructions drawings as per technical specifications and directions of the Engineer-In-Charge	Cu Mtrs	352.8		
<b>Sub-Total Amount in Rs: (I)</b>					-
<b>GST @ _____%:(II)</b>					
<b>Grand Total incl. of GST and all Taxes &amp; Duties in Rs: (III=I+II)</b>					