



**बामर लॉरी एण्ड कं. लिमिटेड**  
(भारत सरकार का एक प्रतिष्ठान)  
**Balmer Lawrie & Co. Ltd.**  
(A Government of India Enterprise)

कार्गो प्रभाग

301, रीजेन्सी हाउस, 680, सोमाजीगुडा, हैदराबाद - 500 082.

फोन : 23404556/2590/0250, 23415272/8638

फैक्स : 91-40-23400958

Logistics Services Division

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**E**nquiry Ref: TTC/HYD/2018-19/24

**D**ie Date: 08/10/2018

Dated: 26/09/2018

**Sub: Invitation to Sealed quote for Installation, Testing & Commissioning of Fire Fighting System at our Airport Office.**

Sealed / closed quotations are invited from reputed and experienced bidders in respect of supply and installation of Fire System at Our Airport Office, subject to terms and conditions given below:

**Description of Item:**

Supply and Installation of split air conditioners with minimum three star accreditations .The scope of work includes providing equipment /accessories/ stabilizer transport tools and tackles, required services etc for the Entire work.

Supply, Installation & Testing of fire System .The scope of work includes providing equipment /accessories/ transport tools and tackles, required services etc for the Entire work.

**Quantity:**

Quantities are mentioned in price bid in Annexure-3 which may change to some extent.

**Delivery Period:**

All units should be delivered and installed within Four weeks from the date of purchase order at following address:

1. M/s Balmer Lawrie & Co. Ltd.  
Warehouse No 8,  
Cargo Satellite Building,  
Air Cargo Complex,  
Shamsabad-501218 (TS)

**Payment Terms:**

100% payment will be released within 15 days of submission of bill on satisfactory installation of equipment.

**Validity of Offer:**

Tenderers shall keep their offer valid for a period of 4 weeks from the date of opening of bid



ISO 9001  
BUREAU VERITAS  
Certification



पंजीकस कार्यालय : 21, नेताजी सुभाष रोड, कोलकाता - 700 001 (भारत)

Registered Office: 21, Netaji Subhas Road, Kolkata - 700 001 (India)

Website: www.balmerlawrie.com

Non-Conformance:

Tenders not confirming to Annexure-1 & Annexure-2 requirement shall be liable to be rejected. Your offer must accompany this enquiry duly signed and stamped on each page, as your acceptance to the terms and conditions mentioned herein.

Rates:

Rates should be specified separately for cost of equipment, Accessories, VAT on door delivery basis and charges for installation as per Annexure-3.

Warranty:

The equipment should have a warranty minimum of one year from the date of commissioning of the equipment.

Statutory Regulations:

The bidder should conform to all the statutory regulations like GST or any other tax as applicable from time to time.

RIGHT OF ACCEPTANCE / REJECTION:

M/s Balmer Lawrie & Co. Ltd reserves all the right to accept or reject any or the lowest tenderer either in part or in full without assigning any reason whatsoever.

In case a conflict of interest is arisen between the bidder and the Company at any stage during finalization of order processing, the Company reserves the right to reject the bids of the concerned bidder.

You are requested to send your quotation in sealed envelop for supplying the same along with relevant papers, your credentials including list of your reputed customers with reference numbers. Your sealed quotation should reach our office on or before 08/10/2018 at 11:00 AM.

Thanking you  
Yours truly,  
For Balmer Lawrie & Co Ltd.

(Usha Srinivasan)  
CBM (LS)

*Usha*

## Annexure - 1

### Pre-Qualification Questionnaire for Contractor Guidelines for Completion of Questionnaire

- i. The potential bidder is to ensure that the answers provided are focussed against the activities indicated in the pre-tender document.
- ii. The information is supplied in the same format and sequence in which they appear in the questionnaire. A minimum of 12 has to be obtained in the HSE pre-qualification questionnaire.
- iii. Failure to supply information that accurately and fully covers the material requested may result in an individual Contractor failing to meet minimum expectations and therefore being disqualified.
- iv. Contractor shall provide information that is authentic and documentary evidence.
- v. Even after getting pre-qualified, if it comes to the notice that non-authentic documents are provided, the Contractor may be disqualified and if any Contract is in place, it may be terminated immediately.
- vi. BL shall have right to audit Contractors records to verify the authenticity of the documents, during any phase of the Contract.

### Questionnaire for HSE Pre-Qualifications of contractors:

Contractor Details	
Company Name	
Contact Person for HSE	
Name	
Telephone Number	
E-Mail Address	

	Question	Response		Evidence Required at bidding Stage	Weightage if complied
		Yes	No		
1	Do you have a signed and dated HSE Policy?	<input type="checkbox"/>	<input type="checkbox"/>	Attach HSE Policy	1
2	Do you confirm that you will comply with BL HSE Policy in as much as it is applicable to your scope of work?	<input type="checkbox"/>	<input type="checkbox"/>	None	1
3	Do you have a Health and Safety System certified by an accredited body to a recognized standard? (Eg : OHSAS 18001)	<input type="checkbox"/>	<input type="checkbox"/>	Provide Current Certificate	3
4	Do you have an Environmental Management System Certified by an accredited body to a recognized standard? (Eg : ISO 14001 )	<input type="checkbox"/>	<input type="checkbox"/>	Provide Current Certificate	3
5	Have you identified, documented and maintained your Health and Safety risk assessment of your activities?	<input type="checkbox"/>	<input type="checkbox"/>	None	3
6	Have you identified, documented and maintained your Environmental Impact Assessment of your activities?	<input type="checkbox"/>	<input type="checkbox"/>	None	3
7	If you use subcontractors, will you assess them in terms of HSE?	<input type="checkbox"/>	<input type="checkbox"/>	None	2
8	Have you produced project/contract HSE plans for recently completed work?	<input type="checkbox"/>	<input type="checkbox"/>	None	2
9	Is HSE Covered in your company's organization chart?	<input type="checkbox"/>	<input type="checkbox"/>	Provide Current Org Chart.	2
10	Have HSE roles and responsibilities been defined in your company?	<input type="checkbox"/>	<input type="checkbox"/>	None	2

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	Question	Response		Evidence Required at bidding Stage	Weightage if complied
		Yes	No		
11	Have your employees received documented HSE training appropriate to the task they will undertake?	<input type="checkbox"/>	<input type="checkbox"/>	None	2
12	Do you identify and monitor compliance with HSE Legislation?	<input type="checkbox"/>	<input type="checkbox"/>	None	2
13	Do you carry out regular medical examination for your employees?	<input type="checkbox"/>	<input type="checkbox"/>	None	1
14	Is your company free from any charges or notices served by the regulatory authorities in relation to HSE in the last 3 years?	<input type="checkbox"/>	<input type="checkbox"/>	None	1
15	Do you have any procedure of reporting HSE Incident and investigation?	<input type="checkbox"/>	<input type="checkbox"/>	None	2

Please provide your accident data for the current year and the last 2 calendar years Note: this must include the data of any contractors working for your organization.		Current Year	Current Year - 1	Current Year - 2	Period Average (Three years average)
16	Number of Fatalities				
17	Number of Environmental Incidents reported to Pollution Control Board				
18	Number of accidents with 2 or more days lost time.( LTI)				
19	Man Days Lost				
20	Total Hours Worked				

I confirm that the above information is correct and that further evidence to support this will be provided to BL on request.

Name	Position	Company	Date	Signature

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## Annexure – 2

### HSE Requirements BY CONTRACTORS (To be a part of contract documents)

#### *Housekeeping*

Contractors shall ensure that their work area is kept clean tidy and free from debris. The work areas must be cleaned on a daily basis. Any disposal of waste shall be done by the Contractor.

All equipment, materials and vehicles shall be stored in an orderly manner. Access to emergency equipment, exits, telephones, safety showers, eye washes, fire extinguishers, pull boxes, fire hoses, etc. shall not be blocked or disturbed.

#### *Confined Space*

Before commencing Work in a confined space the Contractor must obtain from BL a Permit to Work, the Permit to Work will define the requirements to be followed.

As minimum Contractors must ensure the following:

- i. Confined spaces are kept identified and marked by a sign near the entrance(s).
- ii. Adequate ventilation is provided
- iii. Adequate emergency provisions are in place
- iv. Appropriate air monitoring is performed to ensure oxygen is above 20%.
- v. Persons are provided with Confined Space training.
- vi. All necessary equipment and support personnel required to enter a Confined Space is provided.

#### *Tools, Equipment and Machinery*

The Contractor must ensure that all tools & equipment provided for use during the Work is:

- suitable for its intended use;
- safe for use, maintained in a safe condition and where necessary inspected to ensure this remains the case (any inspection must be carried out by a competent person and records shall be available);
- Used only by people who have received adequate information, instruction and training to use the tool or equipment.
- Provided with Earth leakage circuit breaker (ELCBs) at all times when using electric power cords. Use of electrical tape for temporary repairs is prohibited.

#### *Working at Height*

Any Work undertaken where there is a risk of fall and injury is considered to be working at height.

For any Contractor Personnel working at height, Contractors shall provide fall prevention whenever possible and fall protection only when fall prevention is not practicable. Before commencing Work in a height the Contractor must obtain from BL a Permit to Work, the Permit to Work will define the

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requirements to be followed. Supervisor must be present at all point of time, to ensure no deviation occur during the course of work.

### Fall Prevention System

Fall prevention systems (e.g. fixed guardrails, scaffolds, elevated work platforms) must provide protection for areas with open sides, including exposed floor openings.

### Fall Protection Systems

Where fall protection systems are used then the Contractor must ensure the following is applied:

- i. Only approved full body harness and two shock-absorbing lanyards are used,
- ii. Prior establishment of a rescue plan for the immediate rescue of an employee in the event they experience a fall while using the system,
- iii. Anchorage points must be at waist level or higher; and capable of supporting at least the attached weight,
- iv. Lifeline systems must be approved by BL before use.
- v. Use of ISI marked industrial helmet at all point of time.

### Scaffolding

All scaffolds shall subject to a documented inspection by a competent person and clearly marked prior to use. The footings or anchorage for scaffolds shall be sound, rigid and capable of carrying the maximum intended load without settling or displacement. All scaffolding materials should be of M tubular type.

Guardrails and toe-boards shall be installed on all open sides and ends of scaffold platforms. Scaffolds shall be provided with an access ladder or equivalent safe access. Contractor Personnel shall not climb or work from scaffold handrails, mid-rails or brace members.

### Stairways and Ladders

Ladders should only be used for light duty, short-term work or access in line with the below and t Site Requirements.

- a. Fabricated ladders are prohibited.
- b. Ladders will be secured to keep them from shifting, slipping, being knocked or blown over.
- c. Ladders will never be tied to facility services piping, conduits, or ventilation ducting.
- d. Ladders will be lowered and securely stored at the end of each workday.
- e. Ladders shall be maintained free of oil, grease and other slipping hazards
- f. Ladders will be visually inspected by a competent person and approved for use before being into service. Each user shall inspect ladders visually before using.
- g. Ladders with structural defects shall be tagged "Do Not Use," immediately taken out of service, removed from the Site by the end of the day.

### Roof Work/Access

Roof work and access to roofs must not be undertaken without prior authorization from BL.

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## *Overhead Work*

A secure exclusion zone shall be maintained by Contractor below overhead work to prevent access. It is forbidden to work beneath a suspended load.

## *Lifting Operations*

### **Cranes and Hoisting Equipment**

Contractors shall operate and maintain cranes and hoisting equipment in accordance with manufacturers' specifications and legal requirements.

Only Contractor Personnel trained in the use of cranes and hoists are permitted to use them.

### **Lifting Equipment and Accessories**

All lifting equipment / accessories e.g., slings, chains, webbing, chain blocks, winches, jacks etc shall be indicated with their safe working load have an identification number visible on the unit and be inspected and tested in accordance with legal requirements.

Damaged equipment / accessories and equipment shall be tagged "out of use" and immediately removed from Site.

## *Lockout Tag out ("LOTO")*

Prior to performing work on machines or equipment, the Contractor shall ensure that it is familiar with LOTO and Permit to Work procedures and that all of its affected Contractor Personnel receive the necessary training.

## *Barricades*

Floor openings, stairwells, platforms and walkways, and trenching where a person can fall any distance shall be adequately barricaded and where necessary, well lit. Where there is a risk of injury from a fall then rigid barriers must be used.

Barricades must also be used to prevent personnel entering an area where risk of injury is high e.g., during overhead work activity or electrical testing etc. Such barricading must provide clear visual warning..

## *Compressed Gas Cylinders*

Gas cylinder shall be securely stored and transported, and identified and used in line with the local requirements. Hose lines shall be inspected and tested for leaks in line with local requirements. Flash Back arrestor to be used to prevent any explosion due to back fire.

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## *Electrical Safety*

Prior to undertaking any work on live electrical equipment the Contractor must obtain a Permit to Work from BL. Where ever possible live work should be avoided. Any control measures highlighted shall be implemented prior to work commencing.

The below measures will be taken:

- a) Work practices must protect against direct or indirect body contact by means of tools or materials and be suitable for work conditions and the exposed voltage level.
- b) Energized panels will be closed after normal working hours and whenever they are unattended. Temporary wiring will be de-energized when not in use.
- c) Only qualified electrical Contractor Personnel may enter substations and/or transformer and only after being specifically authorized by BL.

## *Hot Works*

A Permit to Work must be obtained from BL prior to any hot works (welding, grinding, open flame work). Suitable fire extinguishing equipment shall be immediately available. Objects to be welded, cut or heated shall be moved to a designated safe location, or, if they cannot be readily moved, all movable fire hazards in the vicinity shall be taken to a safe place. Personnel working around or below the hot works shall be protected from falling or flying objects.

Prior to the use of temporary propane or resistance heating devices approval must be obtained from BL.

## *Trenching, Excavating, Drilling and Concreting*

A Permit to Work must be obtained from BL and all underground lines, equipment and electrical cables shall be identified and located prior to beginning the work. The Contractor shall assign a competent Contractor Personnel to all trenching and excavation work.

Safe means of access and egress shall be located in trench excavations. Daily inspections shall be conducted by a competent Contractor Personnel for evidence of a situation that could result in possible cave-ins, indications of failure of protective systems or other hazardous conditions.

Physical barriers shall be placed around or over trenches and excavations. Flashing light barriers shall be provided at night.

## *Environmental Requirements*

### **Waste Management**

The Contractor is responsible to remove any waste generated by the work being done on the Site. The Contractor must dispose of the waste in line with the relevant local legislative requirements. The waste disposal route shall be documented and made available for BL to review at any time and may be subject to BL's prior approval.

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Wastes (includes rinse from washing of equipment, PPE, tools, etc) are not to be poured into sinks, drains, toilets, or storm sewers, or onto the ground. Solid or liquid wastes that are hazardous or regulated in any way are not to be disposed of in general site waste receptacles.

#### **Spills**

The Contractor is responsible for the provision of adequate spill kits/protection and the clean-up and disposal costs arising from such spills.

#### *Emissions*

The Contractor shall identify and quantify any emission sources associated with the Works. The control measures associated with these emission shall be subject to the approval of BL. Emissions include but are not limited to noise, dust, fumes, vapours.

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Tender Enquiry No.TTC/HYD/2018-19/24 Dt.26.09.2018

## P R I C E B I D

Supplier Name

## SCOPE OF WORK

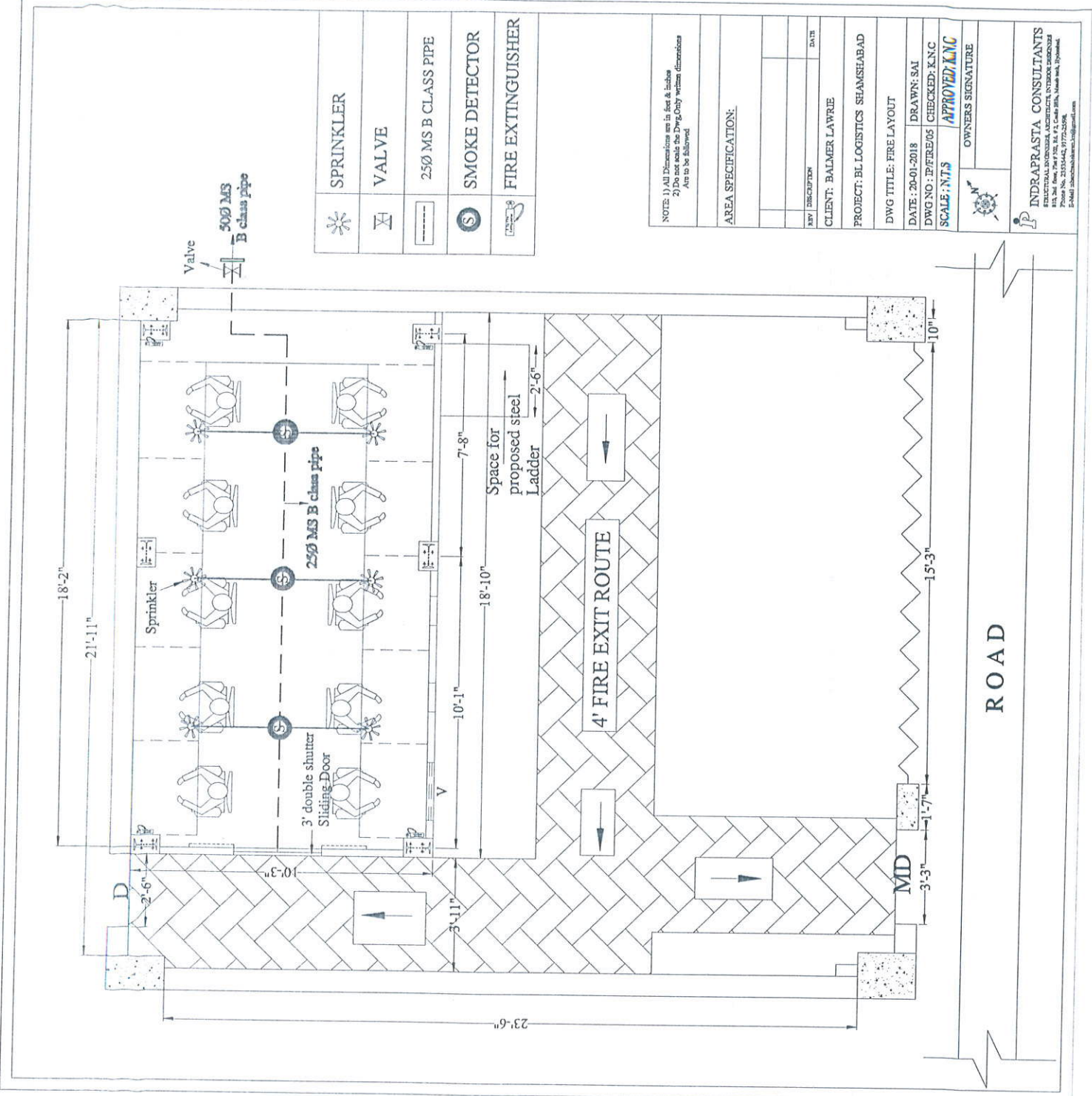
(1) Supply, Installation &amp; Testing of Fire System at Airport Office, Shamsabad.

## SCHEDULE OF QUANTITIES FOR FIRE SAFETY WORK AT BALMER LAWRIE SHAMSHABAD, HYDERABAD

S.No	Description	Unit	Qty	Rate	Amt
1	Supply, installation ,testing and commissioning of Manual Call Point [Break glass Unit] with required hammer and chain fittings, required material, labour etc complete for the finished item of work. Make : Agni / Pinnacle	NO	1		
2	Supply, installation ,testing and commissioning of Electronic Hooters, with all required material, labour etc complete for the finished item of work. Make : Agni / Pinnacle	NO	2		
3	Supply and laying of 2cx 1.5Sq mm Copper armoured cable with suitable ,screws, pipe, all required material, labour etc complete for the finished item of work. Make : Finolex	RM	60		
4	Supply, Installation, Testing and Commissioning of 2 Zone Fire Alarm Control Panel Microprocessor based with all required material, labour, etc complete for the finished item of work. Make : Agni / Pinnacle	NO	1		
5	Supply, installation, testing and commissioning of Smoke Detectors with all required material, labour, etc complete for the finished item of work. Make: Agni / Ravel	NO	3		
	<b>Fire Extinguishers</b>				
6	Supply & installation of 6 Kg Fire Extinguisher Mono Ammonium Phosphate Powder 50%, Stored Pressure Type, Pressure Gauge, Controllable discharge mechanism with discharge Hose & Nozzle, Class A Rating 3A & Class B rating 21B ( Tested up to 34 B ) as per IS 15683 ISI MARK (ABC Dry Chemical Powder -) with all required material, labour, etc complete for the finished item of work. Make:Safepro. Make: Ceasefire / Minimax	NO	4		
	<b>Sprinkler System:</b>				
7	Supply and laying of following sizes MS Class B pipe with welded joints above ground including painting with Post office Red paint over a coat of primer with all required fittings as per IS1239, labour etc, complete for the finished item of work.				
a	50mm dia	RM	5		
b	25mm dia	RM	30		
8	Supply and installation, testing and commissioning of Sprinkler bulbs made out of Forged MS brass, pendant mounting type, with all required material, labour, etc complete for the finished item of work.	NO	8		
9	Supply and installation, testing and commissioning of 1500 mm Flexible drop with all required material, labour, etc complete for the finished item of work.	NO	1		
10	Supply fabrication and erection of suitable MS angle supports for Pipe lines with all required material, labour etc complete for the finished item of work.	KG	25		
11	Supply and installation of Butter fly valves of 50mm dia with all required material, labour, etc complete for the finished item of work.	NO	2		
				GST @	
				G.Total	

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15/07/2018



	SPRINKLER
	VALVE
	250 MS B CLASS PIPE
	SMOKE DETECTOR
	FIRE EXTINGUISHER

NOTE 1) All Dimensions are in feet & inches  
 2) Do not scale this Dwg. Only written dimensions are to be followed.

AREA SPECIFICATION:

KEY	DESCRIPTION	DATE

CLIENT: BALMER LAWRIE  
 PROJECT: BL LOGISTICS SHAMSHABAD  
 DWG TITLE: FIRE LAYOUT  
 DATE: 20-01-2018 | DRAWN: SAI  
 DWG NO: P/FIRE/05 | CHECKED: K.N.C  
 SCALE: N.T.S | APPROVED: K.N.C

OWNERS SIGNATURE

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