

**WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED**  
**Through**  
**United Nations Development Programme, New Delhi.**

**Invitation to Bid (ITB)**

**SUPPLY OF NEONATAL VENTILATORS FOR HOSPITALS AND MEDICAL COLLEGES  
OF THE GOVERNMENT OF WEST BENGAL**

**ITB: UNDP-WBMSC-08-2014**

**Amendment-II, dated 14 May, 2014**

**The following amendments are hereby made to the Bid document for the *SUPPLY OF NEONATAL VENTILATORS FOR HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL*, with reference to above ITB:**

|  |  |
|--|--|
| <b>Reference:</b> Wherever appearing in the bid document, the date, time and venue for receiving / opening of bids shall be read as: |  |
| <b>Last Date, Time and Place of Receiving of Bids</b>  | <b>1300 Hrs. (IST) on May 23, 2014</b><br>at United Nations Development Programme (UNDP),<br>55, Lodhi Estate, New Delhi-110003. |
| <b>Date, Time and Place of Bid Opening</b>   | <b>1430 Hrs. (IST) on May 23, 2014</b><br>at United Nations Development Programme (UNDP),<br>55, Lodhi Estate, New Delhi-110003. |

**Section 3a - Schedule of Requirements and Technical Specifications are hereby replaced as in Annexure below of this Amendment.**  
**Section 7 – Price Schedule form is hereby replaced as in annexure below of this amendment**

**All other terms and conditions of the bid document, except as amended herein above, remain unaltered.**

United Nations Development Programme,  
55, Lodhi Estate, New Delhi – 110 003.  
Tel: 91 11 2462 8877  
Email : [procurement.dsc@undp.org](mailto:procurement.dsc@undp.org)

## Section 3a: Schedule of Requirements and Technical Specifications

### List of Goods and Consignee:

| Schedule No. | Description of Goods | Quantity (in number) | Bid Security in INR | Bid Security in USD |
|--------------|----------------------|----------------------|---------------------|---------------------|
| 1            | Neonatal Ventilator  | 52                   | 10,00,000.00        | 16,000              |

### Consignee – Hospitals and Medical Colleges of Govt. of West Bengal

- i. **Delivery to Consignee within 30 days from the date of issue of the Purchase Order-Contract.**
- ii. **Installation, Training & Commissioning:**

Satisfactory Installation, Training & Commissioning as per the Consignee list above within **15 days** from the respective dates of delivery of the goods.

**Note:** *While installation at the designated site/location and commissioning will be the responsibility of the supplier, basic readiness of the site enabling such installation will be the responsibility of the consignee*

Supplier should provide onsite training, monitor effectiveness of training and take corrective actions as and when required by WBMSCL / end user during the warranty period after the installation of the equipment.

The successful bidder will have to set up service centre in West Bengal and submit proper document in support within 15 days of receipt of Award of Contract (AOC).

# Technical Specifications

## Schedule - 1

### Neonatal Ventilator

#### **A. ESSENTIAL**

##### **1. A neonatal ventilator must have all these components below:**

- Ventilator
- Integrated display unit and user interface
- Air Compressor (Ventilator should be compressor driven).
- Reusable Circuit
- Servo Humidifier
- Nebulizer (integrated or standalone)
- Proximal flow / volume sensor
- Stand for circuits
- External battery backup (for ventilator, monitor, humidifier and compressor)
- Operator manual
- Service Manual

##### **2. Type of ventilator:**

Advanced microprocessor based Continuous flow, time cycled, pressure limited ventilator capable of ventilating Newborns weighing  $\leq 500$  grams.

##### **3. Modes**

Nasal CPAP, Non-invasive ventilation, IMV (IPPV), SIMV, Assist/Control (A/C), pressure supported ventilation (with backup ventilation).

##### **4. Range of set parameters**

| Parameters  | Essential |
|---|-----------|
| <b>Non-invasive modes</b>                                   |           |
| • NCPAP pressure / PEEP                                     | 3 - 10    |
| • Apnea alarm while on NCPAP                                | Must      |
| • PIP (NIV) – cm of H <sub>2</sub> O                        | 10 – 50   |
| • Inspiratory time (NIV) – sec                              | 0.2 – 2.0 |
| <b>Invasive Modes</b>                                       |           |
| • Peak inspiratory pressure (cm of H <sub>2</sub> O)        | 10 – 50   |
| • Positive and expiratory pressure (cm of H <sub>2</sub> O) | 3 – 10    |

|                                    |           |
|------------------------------------|-----------|
| • Fraction of inspired oxygen (%): | 21-100%   |
| • Inspiratory time (sec)           | 0.2 – 2.0 |
| • Rate (per min)                   | 20-120    |
| • Tidal volume (ml)                | 2-100     |
| • Trigger                          | Flow      |

### 5. Display unit / User interface:

**LED/LCD - TFT monitor with 10” or higher digital display**

**Display of following set parameters:**

- Airway pressures(PIP, PEEP)
- FiO<sub>2</sub>
- Rate
- Ti, Te, I:E ratio
- Tidal Volume
- Minute Volume

**Display of following measured parameters:**

- Airway pressures (PIP, PEEP, MAP)
- FiO<sub>2</sub>
- Ti, Te, I:E ratio
- Tidal Volume
- Minute Volume
- Compliance
- Resistance
- Leak percentage
- Alarm message
- Graphics – Scalars (pressure, volume, flow)/  
Loop (pressure-volume, flow volume)
  - a) 3 waves-Pressure, volume and flow with time,
  - b) 2 loops – P-V, F-V with facility of saving of 1 (one) Loop for reference

### 6. Alarms (Audio & Visual)

- Power / mains failure
- Compressor failure
- O<sub>2</sub> not connected / pressure low
- Air not connected
- MV low / high
- Leak alarm / low tidal volume
- Flow sensor not connected

- Flow sensor not calibrated
- Oxygen too high
- Oxygen too low
- Low & High pressure
- High / low respiratory rate
- Apnea alarm

## 7. Humidifier

- i. Capable of working with both invasive and non-invasive mode
- ii. Must conform to ISO 8185
- iii. Should be capable of always supplying fully saturated gas at 37°C
- iv. Flow resistance <20 cm H<sub>2</sub>O/L/sec (Ins R<12, Exp R < 8)
- v. Temperature range 31-40<sup>0</sup> C
- vi. Temperature control ± 2°C
- vii. Digital display of temperature – 5-80°C
- viii. Capable of ambient humidity compensation
- ix. Should be compatible with both reusable & disposable chambers and circuits
- x. Must have water level indicator
- xi. Minimum Warm up time (<30 min)

## 8. Medical Air Compressor

- a) Imported standalone or in-built or integrated, **USFDA and CE approved.**
- b) Oil free Medical Air Compressor, not turbine generator
- c) Air quality should comply with ISO 8573.1 compressed air purity class 1.4.1
- d) Air Compressor should automatically be activated in the event of wall air supply loss
- e) Replacement of filters should be performed without removing the compressor (in-built)
- f) Low noise

## 9. Nebulizer

- (i) Purpose : aerosolized drug delivery while intubated.
- (ii) Technique : Ultrasonic / vibrating mesh technology
- (iii) Standalone / Integrated with pre-installed software and to be supplied with required reusable nebulization chamber or unit along with tubing, cable and adapter / accessories for nebulization.
- (iv) Particle size (MMD): ≥2µm ≤5µm

## 10. Proximal flow / volume sensor

- (i) Type : flow sensor / volume sensor
- (ii) Dead space : ≤1 ml
- (iii) TV : 0.5 – 200 ml

(iv) If reusable, costs for required sensors and cable for a total of 5 years are to be included in the quoted price of the equipment. Quoted CMC price should include cost for required sensors and cable during CMC period.

(v) If disposable, costs of required units for a total of 5 years (approx.. minimum 150 per year) are to be included in the quoted price of the equipment. Quoted CMC price should include cost of required units (approx. 150 per year) during CMC period. Supply of disposables will be in a staggered manner as per the demand of the end – user.

#### **11. FiO<sub>2</sub> / Oxygen cell**

Cost of the cells during the warranty period should be included in the quoted price of the equipment and that during the CMC period should include in the quoted CMC price.

#### **12. Environmental factors**

1. The unit shall be capable of being stored continuously in ambient temperature of 0-60 deg C and relative humidity of <95%.
2. The unit should be capable of operating continuously in ambient temperature of 10-40 deg C and relative humidity of 15-90%.
3. Shall meet IEC-60601-1-2:2001 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.

#### **13. Power supply with back-up power**

1. Power input to be 220-240VAC, 50Hz
2. Resettable over current breaker shall be fitted for protection
3. Suitable UPS (for humidifier, Compressor and Ventilators) with maintenance free batteries for minimum one-hour back-up should be supplied with the system.

#### **14. Standards, safety and training**

- a) Certified to be compliant with ANS/IEC 60601.2.12-01 Medical Electrical Equipment – Part 2-12. **Should be US FDA and CE approved product.**
- b) Certified to be compliant with ISO-7767 for Oxygen monitoring.
- c) Should meet IEC 529 Level 3 (IP3X) (spraying water) for enclosure protection, water ingress.
- d) Demonstration of quoted equipment model is a must.
- e) Should have local service facility. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
- f) **Warranty for 5 years and provision of CMC for next 5 years**

#### **15. Spares with each Ventilator\***

**\* Price of the spares listed below are to be quoted separately along with the bid. The bidder should ensure the availability of spares for another 5 years after the completion of warranty & CMC.**

|   |             |
|---|-------------|
| Modular corrosion free original trolley   | 1 unit      |
| Silicon patient circuit with WYE piece for neonates   | 5 sets      |
| Servo controlled humidifier, with digital temperature display reusable chamber and capable of working in both invasive and non-invasive modes | 1 unit      |
| Reusable humidifier chamber   | 5 such      |
| Nasal CPAP Disposable Circuit   | 10sets      |
| Temperature probe & adaptor (Humidifier)  | 5 such      |
| Heater wire (Humidifier)  | 5 such      |
| Heater wire adaptor (Humidifier)  | 5 such      |
| Flow sensor cable if reusable   | 3 such      |
| Flow sensor if reusable   | 3 such      |
| Flow sensor if disposable (number per year at least)  | 150 sets    |
| Nebulizer – Integrated / standalone   | 1set        |
| Stand for patient circuit   | 2 such      |
| Test lung for each ventilator   | 1 set       |
| Hose for O <sub>2</sub> connection (for wall connection)  | 5 metres    |
| Hose for compressed air (for wall connection)   | 5 metres    |
| Nasal mask and prongs (three different sizes)   | 2 sets each |
| Expiratory valve / block per ventilator   | 2 units     |
| Low noise air compressor  | 1 unit      |
| Washable external air filters for compressor  | 2 sets      |
| Expiratory Cassette / membrane  | 10 units    |

## 16. Documentation

- (i) Certified of calibration and inspection from factory
- (ii) List of Equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service/technical manual
- (iii) User Manual in English
- (iv) Service manual in English
- (v) Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
- (vi) List of important spare parts and accessories with their part number and costing.
- (vii) Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/date sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.
- (viii) Must submit user list and performance report within last 5 years from major hospitals.

## B. DESIRABLES

### 17. Desirable Parameter versus allotted marks

| Parameters                                     | Maximum allotted marks | Range versus allotted marks   |                |
|--|------------------------|---|----------------|
|  |                        | Range of parameters   | Allotted marks |
| Volume ventilation*                            | 5                      | Available & integrated  | 5              |
|  |                        | Upgradable  | 3              |
|  |                        | Not upgradable  | 1              |
| High frequency ventilation*                    | 5                      | Upgradable  | 5              |
|  |                        | Not upgradable  | 1              |
| Oxygen sensor (longer life at least > 5 years) | 5                      | Available & integrated  | 5              |
|  |                        | Not available   | 1              |
| Record / trends saving                         | 3                      | ≤24 hours   | 1              |
|  |                        | > 48 hours & integrated   | 3              |
| NCPAP pressure / PEEP (cm of H <sub>2</sub> O) | 3                      | 3 to 15   | 3              |
|  |                        | 3 to 25   | 2              |
|  |                        | 3 to > 25   | 1              |
| Inspiratory time (sec) in TCPL                 | 7                      | 0.10 to 2.0   | 7              |
|  |                        | 0.10 to > 2.0   | 3              |
|  |                        | 0.20 to ≥ 3.0   | 1              |
| Tidal volume (ml)                              | 15                     | 2 to 100  | 15             |
|  |                        | 2 to 150  | 10             |
|  |                        | 2 to 200  | 5              |
|  |                        | 2 to > 200  | 1              |
| User friendliness                              | 12                     | User interface & ease in operation. Compactness of whole system including compressor, Graphics etc. | 12             |



| Parameters                              | Maximum allotted marks            |                                 | Range versus allotted marks |   |
|---|-----------------------------------|---------------------------------|-----------------------------|---|
|   |                                   |                                 | Range of parameters         | Allotted marks                          |
| Proximal flow / volume sensor           | 7                                 |                                 | Reusable & autoclavable     | 7                                       |
|   |                                   |                                 | Disposable                  | 1                                       |
| Air compressor                          | 5                                 |                                 | Integrated / In-built       | 5                                       |
|   |                                   |                                 | Imported standalone         | 1                                       |
| Nebulizer                               | 3                                 |                                 | Vibrating mesh technique    | 3                                       |
|   |                                   |                                 | Ultrasonic                  | 1                                       |
| Accuracy                                | 6                                 | PIP                             | $\pm 3\%$                   | 6                                       |
|   |                                   |                                 | $\pm 5\%$                   | 3                                       |
|   |                                   |                                 | $> \pm 5\%$                 | 1                                       |
|   | 6                                 | PEEP                            | $\pm 3\%$                   | 6                                       |
|   |                                   |                                 | $\pm 5\%$                   | 3                                       |
|   |                                   |                                 | $> \pm 5\%$                 | 1                                       |
|   | 6                                 | FiO <sub>2</sub>                | $\pm 3\%$                   | 6                                       |
|   |                                   |                                 | $\pm 5\%$                   | 3                                       |
|   |                                   |                                 | $> \pm 5\%$                 | 1                                       |
|   | 6                                 | TV                              | $\pm 0.5$ ml (< 5 ml)       | 6                                       |
|   |                                   |                                 | $\pm 1.0$ ml (< 5 ml)       | 1                                       |
|   | Alarm delay (support with manual) | 3                               |                             | FiO <sub>2</sub> ( $\pm 4\%$ ) < 30 sec |
| FiO <sub>2</sub> ( $\pm 4\%$ ) > 30 sec |                                   |                                 |                             | 1                                       |
| 3                                       |                                   | Circuit disconnection < 0.1 sec | 3                           |   |
|   |                                   | Circuit disconnection > 0.1 sec | 1                           |   |
| <b>Total</b>                            | <b>100</b>                        |                                 |                             |   |

- **Bidders will have to quote the cost for up-gradation separately. The same shall be considered during bid evaluation.**

Important Note:

Equipment will be considered technically qualified if,

1. Conform with all essential specifications mentioned in A (ESSENTIAL) ; and
2. Secure at least 80 marks out of 100 in B (DESIRABLES) of the technical specifications.

Bidders are requested to keep one unit of the offered model along with all the accessories ready for a functional demonstration to be scheduled at Kolkata immediately after the bid opening at a short notice. The exact date, venue and time will be intimated to all the preliminarily qualified bidders separately by the Bid Evaluation Committee.

Company should have local service facility (Details to be provided in following format)

| Sl. No. | Name and address of the service center (s) | Phone Nos. | Fax No. | e-mail address | No. of Service engineers |
|---------|--|------------|---------|----------------|--------------------------|
|         |  |            |         |                |                          |
|         |  |            |         |                |                          |

| Sl. No. | Name of Service Engineer | Mobile Number | Location |
|---------|--------------------------|---------------|----------|
|         |                          |               |          |

Toll Free No. (if any) :  
Name of Service Head :  
Mobile Number :

The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual, but at least once in three months during the warranty and CMC period.

**One CD/DVD of demonstration video must be supplied with the equipment for end users.**

**Warranty for 5 years and CMC for 5 years after warranty.** The prices for CMC shall be quoted at the time of tendering process. The Prices of CMC shall be considered for the evaluation process.

The offered Warranty includes the cost of labour for all repairs; all spares & accessories required for replacement during repairs which forms part of the equipment system, without which it cannot perform satisfactorily.

The successful bidder will have to set up its own service centre in West Bengal and submit proper documents in support within 15 days of receipt of Award of Contract (AOC).The manufacturer will also have to set up their regional office in West Bengal.The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

**NOTE :**

- 1) Reusable consumables should last during the warranty period.
- 2) In case any additional reusable consumables are required during the warranty period those will be supplied free of charge by the supplier.
- 3) The life expectancy of the reusable consumable is expected to be of at least one year from the date of purchase of the same. The reusable consumables will be procured at the prices accepted as per the contract.
- 4) Any reference to brand / product, in case it occurs anywhere in the technical specification is purely for indicative/illustrative purposes and should be read as including its equivalent.
- 5) Unless specified otherwise in the Technical Specifications, all offers should include UPS unit or battery backup of at least one hour, as the case may be, with each equipment.
- 6) Offered product catalogue to be attached in original (2 in nos.) with each bid.
- 7) Attach valid quality certification document(s); no self-certifications admissible.
- 8) Product quality standard (CE/US FDA) to be supported by authentic documents; Warranty, its scope and service facilities to be clearly indicated in the documents.
- 9) One CD/DVD of demonstration video must be supplied with the equipment for end users.
- 10) One CD/DVD of demonstration video must be submitted along with the bid.

## Section 7: Price Schedule Form<sup>1</sup>

The Bidder is required to prepare the Price Schedule as indicated in the Instruction to Bidders. The Bidders are requested to provide the **cost of the goods** (*inclusive of all tax/duty, excluding entry tax*) for each Schedule quoted in the following format.

| SCH. No. (a) | BRIEF DESCRIPTION OF GOODS (b)   | QTY. (c) | MAKE/MODEL NO. & COUNTRY OF ORIGIN (d) | CURRENCY (e) | UNIT PRICE DDP (Incoterm 2010) FINAL DESTINATION (all inclusive) (f) | TOTAL PRICE DDP (Incoterm 2010) FINAL DESTINATION (all inclusive) (g) = (c) x (f) |
|--------------|--|----------|--|--------------|--|---|
| 1            | <b>Neonatal Ventilator – Quoted price should include</b><br>a) cost of Proximal flow / volume sensors & cable ( <u>if reusable</u> ) for a total of 5 years of warranty [ <b>OR</b> ]<br>b) cost of Proximal flow / volume sensors & cable ( <u>if disposable</u> ) for a total of 5 years of warranty (approx. minimum 150 per year) <b>AND</b><br>c) cost of FiO2 / Oxygen cell for a total of 5 years of warranty | 52       |  |              |  |   |
|              | Cost for the up gradation of Volume ventilation, if applicable   | 52       |  |              |  |   |
|              | Cost for the up gradation of High frequency ventilation, if applicable   | 52       |  |              |  |   |
|              | <b>Note: Quoted CMC price should include</b><br>a) cost of Proximal flow / volume sensors & cable (if reusable) [ <b>OR</b> ]<br>b) cost of Proximal flow / volume sensors & cable (if disposable, approx. minimum 150 per year) <b>AND</b><br>c) Cost of FiO2 / Oxygen cell   |          |  |              |  |   |
|              | CMC Charges for Year1 after completion of 5 years warranty   | 52       |  |              |  |   |
|              | CMC Charges for Year2 after completion of 5 years warranty   | 52       |  |              |  |   |

<sup>1</sup>No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Bid.

|  |  |    |  |  |  |  |
|--|--|----|--|--|--|--|
|  | CMC Charges for Year3 after completion of 5 years warranty | 52 |  |  |  |  |
|  | CMC Charges for Year4 after completion of 5 years warranty | 52 |  |  |  |  |
|  | CMC Charges for Year5 after completion of 5 years warranty | 52 |  |  |  |  |

\* **DDP Price final destination shall include all the cost incidental to delivery at final destination including all duties & taxes to be paid.**

\* **DDP Price of the above equipment shall include Supply and Installation, Commissioning and warranty for Equipment.**

\*\* **There shall be no exemption from any applicable tax or duty;**

\*\*\* **Entry tax @ 1% of cost of goods is applicable which will be reimbursed.**

**NOTE : The following points with regard to consumables should be noted while bidding for the schedule:-**

1. Reusable consumables should last during the warranty period.
2. In case any additional reusable consumables are required during the warranty period those will be supplied free of charge by the supplier.
3. The life expectancy of the reusable consumable is expected to be of at least one year from the date of purchase of the same. The reusable consumables will be procured at the prices accepted as per the contract.
4. The price excluding CMC quoted in one schedule should be in one currency only.
5. If CMC column is left blank, then it will be assumed that the CMC is free of cost.

**Important:-**

- **Bidders will have to quote the cost for up-gradation separately. The same shall be considered during bid evaluation.**

**Proximal flow / volume sensor:**

(i) If reusable, costs for required sensors and cable for a total of 5 years are to be included in the quoted price of the equipment. Quoted CMC price should include cost for required sensors and cable during CMC period.

(ii) If disposable, costs of required units for a total of 5 years (approx.. minimum 150 per year) are to be included in the quoted price of the equipment. Quoted CMC price should include cost of required units (approx. 150 per year) during CMC period. Supply of disposables will be in a staggered manner as per the demand of the end – user.

**FiO2 / Oxygen cell:**

Cost of the cells during the warranty period should be included in the quoted price of the equipment and that during the CMC period should include in the quoted CMC price.

**Spares:**

**\* Price of the spares listed below are to be quoted separately along with the bid. The bidder should ensure the availability of spares for another 5 years after the completion of warranty & CMC.**

| <b>Item</b>   | <b>Unit Price<br/>(Delivery at final destination)</b> |
|---|---|
| Modular corrosion free original trolley   |   |
| Silicon patient circuit with WYE piece for neonates   |   |
| Servo controlled humidifier, with digital temperature display reusable chamber and capable of working in both invasive and non-invasive modes |   |
| Reusable humidifier chamber   |   |
| Nasal CPAP Disposable Circuit   |   |
| Temperature probe & adaptor (Humidifier)  |   |
| Heater wire (Humidifier)  |   |
| Heater wire adaptor (Humidifier)  |   |
| Flow sensor cable if reusable   |   |
| Flow sensor if reusable   |   |
| Flow sensor if disposable (number per year at least)  |   |
| Nebulizer – Integrated / standalone   |   |
| Stand for patient circuit   |   |
| Test lung for each ventilator   |   |
| Hose for O <sub>2</sub> connection (for wall connection)  |   |
| Hose for compressed air (for wall connection)   |   |
| Nasal mask and prongs (three different sizes)   |   |
| Expiratory valve / block per ventilator   |   |
| Low noise air compressor  |   |
| Washable external air filters for compressor  |   |
| Expiratory Cassette / membrane  |   |

**BIDDER'S DISCOUNT FOR ACCELERATED PAYMENT**

\_\_\_\_% of total firm price for each calendar day less than thirty (30) days

**BIDDER'S SIGNATURE AND CONFIRMATION OF THE ITB**

PROVIDED THAT A PURCHASE ORDER IS ISSUED BY UNDP **WITHIN THE REQUIRED BID VALIDITY PERIOD**, THE UNDERSIGNED HEREBY COMMITS, SUBJECT TO THE TERMS OF SUCH PURCHASE ORDER, TO FURNISH ANY OR ALL ITEMS AT THE PRICES OFFERED AND TO DELIVER SAME TO THE DESIGNATED POINT(S) WITHIN THE DELIVERY TIME STATED IN SCHEDULE OF REQUIREMENT.

*Exact name and address of company*

COMPANY NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_  
\_\_\_\_\_

PHONE NO. \_\_\_\_\_ FAX NO. \_\_\_\_\_

EMAIL ADDRESS OF CONTACT PERSON \_\_\_\_\_

OTHER EMAIL ADDRESSES \_\_\_\_\_

\_\_\_\_\_  
**AUTHORIZED SIGNATURE**

**DATE**

\_\_\_\_\_  
NAME OF AUTHORIZED SIGNATORY (TYPE OR PRINT)

\_\_\_\_\_  
FUNCTIONAL TITLE OF SIGNATORY

**WEB SITE** \_\_\_\_\_