

**INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR**  
**KHARAGPUR-721302**

No. IIT/KGP/AMBULANCE/EOI/2017/A

Date: 01<sup>st</sup> December, 2017

**Expression of Interest (EOI) for Providing Ambulance Services at IIT Kharagpur**  
**(EOI No. IIT/KGP/AMBULANCE/EOI/2017 dated 20<sup>th</sup> November, 2017)**

**ADDENDUM**

The revised specification of FABRICATED AMBULANCE ON FORCE TRAVELER 3350 WB AMBULANCE MODEL /TATA WINGER High Roof Ambulance, WB 3488, Air Conditioned, BS-IV and Power Steering are enclosed. These specifications replace the earlier specification as given in ANNEXURE - II

**ANNEXURE – II (REVISED)**

**FABRICATION OF AMBULANCE ON FORCE TRAVELER 3350 WB AMBULANCE MODEL**

Description
<b>Fabrication on FORCE Traveler WB3350 Ambulance Model</b>
<p><b>A. <u>Fabrication of Interior</u></b></p> <ul style="list-style-type: none"><li>➤ Interior paneling fabricated with Fiber Reinforced Plastic (FRP) In Gel Coat Finish.</li><li>➤ Thermal insulation providing better atmosphere temperature inside patient cabin.</li><li>➤ Driver &amp; patient cabin partition in <b>FRP</b> with sliding communication window.</li><li>➤ Overhead rack with sliding glass for storage.</li><li>➤ Non static, anti-skid Vinyl flooring on 12mm water proof ply-board.</li><li>➤ Stainless Steel Grab rail on rear entry door for easy access.</li><li>➤ Roof Mounted Stainless Steel hand support rail with 2 Nos. of Strap Handles.</li><li>➤ Doctor Seat.</li><li>➤ Dual Purpose attendant seat.</li><li>➤ Stainless steel Cladded Medical Cabinets for storage</li><li>➤ Stainless steel Wash Basin with foot operated motorized tap having separate water storage tank for fresh and disposed water each having water capacity of 10 liters.</li><li>➤ Stainless Steel waste bin.</li><li>➤ Hooks for IV Bottle's - 2 Nos. with IV holding attachment.</li><li>➤ Provision to Mount Critical Care Equipment like Ventilator, Defibrillator, Monitor etc. (Original mount to be provided by the customer along with equipment.)</li></ul>

- Fire extinguisher 400g.
- Full Length Foot Step at rear entry.

#### **B. Electrical**

- Internal lighting
- 220V AC 5 Amp Sockets - 4 Nos.
- 12V DC Socket - 1 No.
- True Sine Wave Inverter of 800VA capacity (Luminous/Sukam) with additional backup battery & facility for charging from both 220 VAC & Vehicle Alternator.
- High intensity LED blinkers - 2 Nos. each on three sides(6 Nos.)
- Charging Socket for Inverter from 220VAC with 5 meters of charging lead.
- LED Emergency Light Bar &Siren with public address system 100W.
- Fan DC - 2 Nos.
- LED Interior Spot Light 12V DC - 3 Nos.
- Patient Examination Light - 1 No.
- Electric Protection Circuit with heavy duty 12V DC Cut-off Switch located near driver seat for easy accessibility.
- Rear Door Switch light to illuminate Patient Cabin Light.
- Rear Door open warning alarm in Driver Cabin.

#### **C. Air conditioning**

- Centralized ducted air-conditioning system coupled with vehicle Engine, Automatic Digital Control Panel with Temperature display in Patient Cabin.

#### **D. Oxygen Therapy**

- Heavy duty trolley to mount 2 nos. JUMBO 'D' Type OXYGEN cylinders changeable from outside the vehicle with separate lockable door helps in maintaining good hygiene in patient cabin.
- **('D'Type Cylinder shall be provided by Customer)**
- High Pressure flexible stainless braded Teflon tubing from oxygen cylinders to regulators.
- Oxygen regulator for better patient safety with pressure gauge's near doctor seat for easy accessibility.
- Complete gas pipe lining with tubing on common rail with 2+1 oxygen outlet.

#### **E. Exterior Design**

Customized External Graphics with Hospital Name, Address & Logo etc. as per design provided by hospital (50 Sq.ft. max.)

**F. Patient Handling & Medical Equipment:**

Sl. No.	Description
1.	<p><b>Auto Loader Stretcher cum Trolley</b></p> <ul style="list-style-type: none"><li>• Made of Aluminium</li><li>• Light Weight</li><li>• Can be operated by one person for seamless patient loading and unloading</li><li>• Shock proof legs with polyethylene covered strips, large wheels for more stability</li><li>• Product Size: (Max.) 1930x 600x 880 (mm), (Min.) 1930x 600x 210 (mm),</li><li>• Net weight &lt; 40 Kg.</li><li>• Load bearing capacity &lt; 159</li></ul>
2.	<p><b>Scoop Stretcher Model MLF 999-E</b></p> <ul style="list-style-type: none"><li>• Lightweight, Portable Aluminium Scoop Stretcher</li><li>• Communally used for Spinal Bone fractured patients</li><li>• Folded into two parts</li><li>• Adjustable Length</li><li>• (L x W x H) 164 x 43 x 8 cm (Min.)</li><li>• (L x W x H) 201 x 43 x 8 (Max.)</li></ul>
3.	<p><b>Spine board Model MLF 999-E1</b></p> <ul style="list-style-type: none"><li>• Made of High Strength engineering plastic</li><li>• Portable and anti-aging, can float in water</li><li>• Suitable for all Radio-diagnostic X-ray procedure</li><li>• 2 Belts to strap patient</li><li>• (L x W x H) 164 x 43 x 8 cm</li></ul>
4.	<p><b>Head Immobilizer Model TD1</b></p> <ul style="list-style-type: none"><li>• Waterproof plastic coating to prevent bacterial growth</li><li>• Unique Head straps to confirm patient's fore-head</li><li>• Minimal interference with X-ray</li><li>• MRI and C.T.</li><li>• Will not absorb blood and Body fluids</li></ul>

5.	<p><b>Stair Chair</b></p> <ul style="list-style-type: none"> <li>• Made of high quality Aluminium alloy</li> <li>• Adjustable Telescopic handles for easy carriage in stairs, narrow lanes, etc.</li> <li>• Net weight: 8Kg.</li> </ul>
6.	<p><b>Pneumatic Air Splints (Latex free) with Pump Set of six</b></p> <ul style="list-style-type: none"> <li>• Short and Long Leg</li> <li>• Short and Long Arm</li> <li>• Ankle</li> <li>• Hand</li> <li>• With carrying case</li> </ul>
7.	<p><b>MEDICAL SUCTION UNIT, Model OB 2012 from Boscoral, Italy</b></p> <ul style="list-style-type: none"> <li>• Electricity driven, easy and compact</li> <li>• Silent and powerful double piston motor of more than 20 ltrs./min, adjustable linear suction</li> <li>• Control-manometer from 0 to &gt; 800 mbar</li> <li>• Autonomy of about 45 minutes</li> <li>• Autoclavable 1000 ml-jar for the secretion collection with overflow valve and filter directly integrated in the cover</li> <li>• Tear-and waterproof cloth transport bag</li> <li>• Cable for the connection to the 12V DC</li> <li>• Weight: about 4.5Kg.</li> <li>• Manufactured in compliance with ISO 10079-1:1999, EN 1789:1999 norms and classified in class I lb. CE certified under the MDD93/42/EEC, "e1" 23555 homologated according to 95/54/EC directive.</li> </ul>
8.	<p><b>Emergency Bag</b></p> <ul style="list-style-type: none"> <li>• Ambu Bag 2 nos. (1 Adult &amp; 1 Paed.)</li> <li>• OPA, set of 5</li> <li>• Un-cuffed disposable ET Tube Set of 6</li> <li>• Laryngoscope (4 Blades)</li> <li>• Oxygen mask 2 nos.- 1 Adult &amp; 1 Paed.</li> <li>• Magill Forceps -1 No.</li> </ul>

	<ul style="list-style-type: none"> <li>• Artery Forceps -1 No.</li> <li>• Toothed Forceps -1 No.</li> <li>• Universal Scissor -1 No.</li> <li>• Stethoscope - 1 No.</li> <li>• Cervical collar-adjustable</li> <li>• Glucometer</li> <li>• Fingertip Pulse Oximeter</li> <li>• Aneroid Blood Pressure Unit - 1 No. (Sphygmomanometer - Dial Type)</li> <li>• Examination Gloves -1 Box</li> <li>• Sterile Gloves -5 pairs</li> <li>• Sterile Surgical Blades - 5 Nos. with 1 handle</li> <li>• Disposable Syringes 2, 5 &amp; 10 ml - 2 Nos. each</li> <li>• Disposable delivery Kit - 2 Nos.</li> <li>• Micro pore surgical tape 1"- box</li> <li>• Carrying Case</li> </ul>
9.	<p><b>Multi Para Monitor</b></p> <ul style="list-style-type: none"> <li>• Compact and lightweight, Large high resolution color touch screen, Touch &amp; Configure, pacemaker detection, Electrosurgical interference proof.</li> <li>• ISEAP<sup>tm</sup> ECG algorithm optimized for arrhythmia detection, pacemaker detection, and HR measurement, IMAT<sup>tm</sup> SpO<sub>2</sub> algorithm with outstanding motion resistance and low perfusion resistance performance</li> <li>• ICUFS<sup>tm</sup> NIBP algorithm optimized for cardiac patients, hypertensive patients, and neonatal patients, Bi-directional communication with the MFM-CMS central station,</li> <li>• HL7 support and VGA output</li> <li>• Standard Parameters: 3/5-lead ECG, RESP, EDAN SpO<sub>2</sub>, EDAN NIBP, PR, 2-TEMP</li> <li>• Optional Parameters: Nellcor Oximax<sup>tm</sup> SpO<sub>2</sub>, 2-IBP, Respironics CO<sub>2</sub></li> </ul>
10.	<p><b>Transport Ventilator MEDITEC ENGLAND 1200 EMERGENCY RESUSCITATOR</b></p> <ul style="list-style-type: none"> <li>• Pneumatically Driven Ventilator with drive gas facility from cylinder or pipeline</li> <li>• IPPV Ventilation Mode</li> <li>• Suitable for Adult and Paediatrics</li> </ul>

	<ul style="list-style-type: none"> <li>• Facility for Bronchial Suction</li> <li>• Facility for delivering 60% or 100% Oxygen</li> <li>• Electronically controlled Alarm system with in-built battery</li> <li>• Manual Override facility</li> <li>• Pressure Manometer Gauge for measuring Airway pressure</li> <li>• Supplied with complete hose system</li> <li>• 2 liters O<sub>2</sub> Cylinder with Regulator and Gauge</li> <li>• Portable custom made Carry Case</li> </ul>
11.	<p><b>Automated External Defibrillator from Primedic</b></p> <ul style="list-style-type: none"> <li>• Two-phase, current-controlled impulses, external</li> <li>• Energy - 140 – 360J according to patient impedance</li> <li>• Shock cycle time - usually 20 seconds</li> <li>• LCD, blue mode</li> <li>• Monitor - 320 x 240 pixels (pixel size 0.36mm x 0.36mm)</li> <li>• Disposable electrodes - Shelf Life -36 months</li> </ul>
12.	<p><b>Syringe Pump Graseby 2000 by Smith Medical UK</b></p> <ul style="list-style-type: none"> <li>• Mains/Battery operated</li> <li>• Flow rate 0.10ml - 1200ml/hr depending upon syringe size</li> <li>• Bolus/KVO</li> <li>• Accepts all international size syringes</li> </ul>
13.	<p><b>Portable Oxygen Cylinder</b></p> <ul style="list-style-type: none"> <li>• Made of seam less aluminium</li> <li>• Capacity 2.2 liter</li> <li>• Supplied with Carrying Case/Pressure Regulator and Oxygen Mask</li> </ul>
14.	<p><b>Rescue Tools</b></p> <ul style="list-style-type: none"> <li>• Set of Rescue tools i.e. Wrecking Bar, Crow Bar, Axe, Hammer, Rope, Hacksaw, Torch, etc.</li> </ul>
15.	<p><b>Oxygen Cylinder "D" Type - 2 Nos.</b></p>

## OR

### FABRICATION OF AMBULANCE ON TATA WINGER HIGH ROOF AMBULANCE MODEL BS-IV, WB-3488

Description
<b>Fabrication on TATA WINGER High Roof Ambulance, WB 3488, Air Conditioned, BS-IV and Power Steering</b>
<p><b>A. <u>Fabrication of Interior</u></b></p> <ul style="list-style-type: none"><li>➤ Interior paneling fabricated with Fiber Reinforced Plastic (FRP) In Gel Coat Finish.</li><li>➤ Thermal insulation providing better atmosphere temperature inside patient cabin.</li><li>➤ Driver &amp; patient cabin partition in <b>FRP</b> with sliding communication window.</li><li>➤ Overhead rack with sliding glass for storage.</li><li>➤ Non static, anti-skid Vinyl flooring on 12mm water proof ply-board.</li><li>➤ Grab rail on rear entry door for easy access.</li><li>➤ Roof Mounted Stainless Steel hand support rail with 2 Nos. of Strap Handles.</li><li>➤ Comfortable Paramedic Doctor Seat.</li><li>➤ Dual Purpose attendant seat.</li><li>➤ Ergonomically designed storage drawers for medical consumables and accessories within easy reach from Paramedic Doctor Seat.</li><li>➤ Bacto-Act Handrub or equivalent alcohol based hand rub dispenser.</li><li>➤ Stainless Steel waste bin for Biomed waste - 2 nos.</li><li>➤ Hooks for IV Bottle's - 2 Nos. with IV holding attachment.</li><li>➤ Provision to Mount Critical Care Equipment like Ventilator, Defibrillator, Monitor etc. (Original mount to be provided by the customer along with equipment.)</li><li>➤ Fire extinguisher 400g.</li><li>➤ Full Length Foot Step at rear entry.</li></ul>
<p><b>B. <u>Electrical</u></b></p> <ul style="list-style-type: none"><li>➤ Internal lighting - LED.</li><li>➤ 220V AC 5 Amp Sockets - 4 Nos.</li><li>➤ 12V DC Socket - 1 No.</li><li>➤ True Sine Wave Inverter of 800VA capacity with additional backup battery Dedicated Additional Alternator to Charge the Inverter Battery.</li><li>➤ High intensity LED blinkers - 2 Nos. each on three sides(6 Nos.)</li><li>➤ Charging Socket for Inverter from 220VAC with 5 meters of charging lead.</li><li>➤ LED Emergency Light Bar &amp;Siren with public address system 100W.</li></ul>

<ul style="list-style-type: none"> <li>➤ Fan DC - 2 Nos.</li> <li>➤ LED Interior Spot Light 12V DC - 3 Nos.</li> <li>➤ LED Patient Examination Light - 1 No.</li> <li>➤ Electric Protection Circuit with heavy duty 12V DC Cut-off Switch located near driver seat for easy accessibility.</li> <li>➤ Rear Door Switch light to illuminate Patient Cabin Light.</li> <li>➤ Rear Door open warning alarm in Driver Cabin.</li> </ul>
<p><b>C. <u>Air conditioning</u></b></p> <ul style="list-style-type: none"> <li>➤ Centralized ducted air-conditioning system coupled with vehicle Engine for Patient Cabin.</li> <li>➤ Separate air-condition system for driver cabin.</li> </ul>
<p><b>D. <u>Oxygen Therapy</u></b></p> <ul style="list-style-type: none"> <li>➤ Heavy duty trolley to mount 2 nos. JUMBO 'D' Type OXYGEN cylinders changeable from outside the vehicle with separate lockable door helps in maintaining good hygiene in patient cabin.</li> <li>➤ <b><u>('D'Type Cylinder shall be provided by Customer)</u></b></li> <li>➤ High Pressure flexible stainless braded Teflon tubing from oxygen cylinders to regulators.</li> <li>➤ Oxygen regulator for better patient safety with pressure gauge's near doctor seat for easy accessibility.</li> <li>➤ Complete gas pipe lining with tubing on common rail with 2+1 oxygen outlet.</li> </ul>
<p><b>E. <u>Exterior Design</u></b></p> <p>Customized External Graphics with Hospital Name, Address &amp; Logo etc. as per design provided by hospital (50 Sq.ft. max.)</p>

**F. Patient Handling & Medical Equipment:**

Sl. No.	Description
1.	<p><b>Auto Loader Stretcher cum Trolley</b></p> <ul style="list-style-type: none"> <li>• Made of Aluminium</li> <li>• Light Weight</li> <li>• Can be operated by one person for seamless patient loading and unloading</li> </ul>



	<ul style="list-style-type: none"> <li>• Shock proof legs with polyethylene covered strips, large wheels for more stability</li> <li>• Product Size: (Max.) 1930x 600x 880 (mm) (Min.)1930 x 600 x 210 (mm)</li> <li>• Net weight &lt; 40 Kg.</li> <li>• Load bearing capacity &lt; 159</li> </ul>
2.	<p><b>Scoop Stretcher Model ERGON from Meber Italy</b></p> <ul style="list-style-type: none"> <li>• Flame retardant latest generation co-moulded material</li> <li>• With innovative Flexi Locking device</li> <li>• Communally used for Spinal Bone fractured patients</li> <li>• Can be folded into two parts</li> <li>• Allow all kind of Radio Diagnostic procedures</li> <li>• MRI &amp; X-RAY Compatible</li> <li>• Adjustable Length and Width</li> <li>• Made of High Strength engineering plastic</li> <li>• Portable and anti-aging, can float in water</li> <li>• Suitable for all Radio-diagnostic X-ray procedure</li> <li>• (L x W x H) 165 x 43 x 7.5 cm (Min.)</li> <li>• (L x W x H) 201 x 43 x 7.5 cm.(Max.)</li> </ul>
3.	<p><b>Spine board Model MLF 999-E1</b></p> <ul style="list-style-type: none"> <li>• Made of High Strength engineering plastic</li> <li>• Portable and anti-aging, can float in water</li> <li>• Suitable for all Radio-diagnostic X-ray procedure</li> <li>• 2 Belts to strap patient</li> <li>• (L x W x H) 164 x 43 x 8 cm</li> </ul>
4.	<p><b>Head Immobilizer Model TD1</b></p> <ul style="list-style-type: none"> <li>• Waterproof plastic coating to prevent bacterial growth</li> <li>• Unique Head straps to confirm patient's fore-head</li> <li>• Minimal interference with X-ray</li> <li>• MRI and C.T.</li> <li>• Will not absorb blood and Body fluids</li> </ul>
5.	<p><b>Stair Chair</b></p> <ul style="list-style-type: none"> <li>• Made of high quality Aluminium alloy</li> </ul>

	<ul style="list-style-type: none"> <li>• Adjustable Telescopic handles for easy carriage in stairs, narrow lanes, etc.</li> <li>• Net weight: 8Kg.</li> </ul>
6.	<p><b>Pneumatic Air Splints (Latex free) with Pump Set of six</b></p> <ul style="list-style-type: none"> <li>• Short and Long Leg</li> <li>• Short and Long Arm</li> <li>• Ankle</li> <li>• Hand</li> <li>• With carrying case</li> </ul>
7.	<p><b>MEDICAL SUCTION UNIT, Model OB 2012 from Boscoral, Italy</b></p> <ul style="list-style-type: none"> <li>• Electricity driven, easy and compact</li> <li>• Silent and powerful double piston motor of more than 20 ltrs./min, adjustable linear suction</li> <li>• Control-manometer from 0 to &gt; 800 mbar</li> <li>• Autonomy of about 45 minutes</li> <li>• Autoclavable 1000 ml-jar for the secretion collection with overflow valve and filter directly integrated in the cover</li> <li>• Tear-and waterproof cloth transport bag</li> <li>• Cable for the connection to the 12V DC</li> <li>• Weight: about 4.5Kg.</li> <li>• Manufactured in compliance with ISO 10079-1:1999, EN 1789:1999 norms and classified in class I lb. CE certified under the MDD93/42/EEC, "e1" 23555 homologated according to 95/54/EC directive.</li> </ul>
8.	<p><b>Emergency Bag</b></p> <ul style="list-style-type: none"> <li>• Ambu Bag 2 nos. (1 Adult &amp; 1 Paed.)</li> <li>• OPA, set of 5</li> <li>• Un-cuffed disposable ET Tube Set of 6</li> <li>• Laryngoscope (4 Blades)</li> <li>• Oxygen mask 2 nos.- 1 Adult &amp; 1 Paed.</li> <li>• Magill Forceps -1 No.</li> <li>• Artery Forceps -1 No.</li> <li>• Toothed Forceps -1 No.</li> <li>• Universal Scissor -1 No.</li> </ul>

	<ul style="list-style-type: none"> <li>• Stethoscope - 1 No.</li> <li>• Cervical collar-adjustable</li> <li>• Glucometer</li> <li>• Fingertip Pulse Oximeter</li> <li>• Aneroid Blood Pressure Unit - 1 No. (Sphygmomanometer - Dial Type)</li>   <li>• Examination Gloves -1 Box</li> <li>• Sterile Gloves -5 pairs</li> <li>• Sterile Surgical Blades - 5 Nos. with 1 handle</li> <li>• Disposable Syringes 2, 5 &amp; 10 ml - 2 Nos. each</li> <li>• Disposable delivery Kit - 2 Nos.</li> <li>• Micro pore surgical tape 1"- box</li> <li>• Carrying Case</li> </ul>
9.	<p><b>Multi Para Monitor</b></p> <ul style="list-style-type: none"> <li>• Compact and lightweight, Large high resolution color touch screen, Touch &amp; Configure, pacemaker detection, Electrosurgical interference proof.</li> <li>• ISEAP™ ECG algorithm optimized for arrhythmia detection, pacemaker detection, and HR measurement, IMAT™ SpO<sub>2</sub> algorithm with outstanding motion resistance and low perfusion resistance performance</li> <li>• ICUFS™ NIBP algorithm optimized for cardiac patients, hypertensive patients, and neonatal patients, Bi-directional communication with the MFM-CMS central station,</li> <li>• HL7 support and VGA output</li> <li>• Standard Parameters: 3/5-lead ECG, RESP, EDAN SpO<sub>2</sub>, EDAN NIBP, PR, 2-TEMP</li> <li>• Optional Parameters: Nellcor Oximax™ SpO<sub>2</sub>, 2-IBP, Respironics CO<sub>2</sub></li> </ul>
10.	<p><b>Transport Ventilator MEDITEC ENGLAND 1200 EMERGENCY RESUSCITATOR</b></p> <ul style="list-style-type: none"> <li>• Pneumatically Driven Ventilator with drive gas facility from cylinder or pipeline</li> <li>• IPPV Ventilation Mode</li> <li>• Suitable for Adult and Paediatrics</li> <li>• Facility for Bronchial Suction</li> <li>• Facility for delivering 60% or 100% Oxygen</li> </ul>

	<ul style="list-style-type: none"> <li>• Electronically controlled Alarm system with in-built battery</li> <li>• Manual Override facility</li> <li>• Pressure Manometer Gauge for measuring Airway pressure</li> <li>• Supplied with complete hose system</li> <li>• 2 liters O<sub>2</sub> Cylinder with Regulator and Gauge</li> <li>• Portable custom made Carry Case</li> </ul>
11.	<b>Automated External Defibrillator from Primedic</b> <ul style="list-style-type: none"> <li>• Two-phase, current-controlled impulses, external</li> <li>• Energy - 140 – 360J according to patient impedance</li> <li>• Shock cycle time - usually 20 seconds</li> <li>• LCD, blue mode</li> <li>• Monitor - 320 x 240 pixels (pixel size 0.36mm x 0.36mm)</li> <li>• Disposable electrodes - Shelf Life -36 months</li> </ul>
12.	<b>Syringe Pump Graseby 2000 by Smith Medical UK</b> <ul style="list-style-type: none"> <li>• Mains/Battery operated</li> <li>• Flow rate 0.10ml - 1200ml/hr depending upon syringe size</li> <li>• Bolus/KVO</li> <li>• Accepts all international size syringes</li> </ul>
13.	<b>Portable Oxygen Cylinder</b> <ul style="list-style-type: none"> <li>• Made of seam less aluminium</li> <li>• Capacity 2.2 liter</li> <li>• Supplied with Carrying Case/Pressure Regulator and Oxygen Mask</li> </ul>
14.	<b>Rescue Tools</b> <ul style="list-style-type: none"> <li>• Set of Rescue tools i.e. Wrecking Bar, Crow Bar, Axe, Hammer, Rope, Hacksaw, Torch, etc.</li> </ul>
15.	<b>Oxygen Cylinder "D" Type - 2 Nos.</b>

All other terms and conditions of the EOI document vide no. IIT/KGP/AMBULANCE/EOI /2017 dated 20<sup>th</sup> November, 2017 remain unaltered.

Joint Registrar(S & P)

1. CPP Portal
2. Institute Website