

| Package No | SL NO | NAME OF THE ITEM                                                                                                                                                     | SPECIFICATION                                                                                                                          | Trade / Course for which it is required                            | Approved quantity | NSQF Syllabus Sl No / Remarks |
|------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------|-------------------------------|
| 1          | 1     | LONG TABLE (with Book rest) & LONG BENCH ( with Back)<br>Note :<br>1. All table & benches 18 Gauge, Steel sheet<br>2. Bench & table leg square pipe size 1" 16 Gauge | Table : Length= 6' Width=1 1/4' Height= 2 1/2'<br>Bench: Length=6' Width= 1 1/4' Height= 1 1/2'<br>Diagram with specification attached | FITTER / TURNER / ELECTRICIAN/ ALL TRADES/ WORK SHOP CAL & SCIENCE | 150 Nos           | All Trades                    |
| 4          | 2     | Work bench ( country wood)                                                                                                                                           | 340X120X75CM                                                                                                                           | WELDER                                                             | 8 Nos             | -                             |
| 5          | 3     | Three Phase auto transformer                                                                                                                                         | Three phase (0-500v) 1 KVA                                                                                                             | Wireman                                                            | 1 No              | 16                            |
| 5          | 4     | D.C Compound Generator with control panel including fitted Rheostat, Voltmeter, ammeter                                                                              | 2.5kw, 220v & 3ph squirrel cage Induction motor 5 HP 440V with control panel                                                           | Electrician                                                        | 1 No              | 139                           |
| 5          | 5     | DC series motor Coupled with spring Balance load                                                                                                                     | 2.5 kw, 220 Volts                                                                                                                      | Electrician                                                        | 1 No              | 140                           |
| 5          | 6     | AC phase- wound Slip ring motor with starter switch                                                                                                                  | 5HP, 440V, 3 phase, 50HZ                                                                                                               | Electrician                                                        | 1 No              | 145                           |
| 5          | 7     | Synchronous Motor with Accessories like Starter arrangements                                                                                                         | 1 HP                                                                                                                                   | Electrician                                                        | 1 No              | 147                           |
| 5          | 8     | Capacitor Start induction Motor                                                                                                                                      | 1 HP, 230V                                                                                                                             | MRAC                                                               | 1 No              | 127                           |
| 5          | 9     | Star delta Starter                                                                                                                                                   | 3 Hp                                                                                                                                   | MRAC                                                               | 1 No              | 129                           |
| 5          | 10    | DOL Starter                                                                                                                                                          | 2 HP                                                                                                                                   | MRAC                                                               | 1 No              | 131                           |
| 6          | 11    | Package A/C                                                                                                                                                          | 5 Ton, open type compressor Reciprocating type                                                                                         | MR A/C                                                             | 1 No              | 166                           |
| 6          | 12    | Split A/C                                                                                                                                                            | 1.5 ton inverter Technology                                                                                                            | MRA/C                                                              | 2 Nos             | 174                           |
| 6          | 13    | VRF/VRV unit with two indoor units 2.5TR each and 5TR capacity air cooled condenser, accessories and controls.                                                       | VRF/VRV unit with two indoor units 2.5TR each and 5TR capacity air cooled condenser, accessories and controls.                         | MRA/C                                                              | 1 No              | 173                           |
| 6          | 14    | Single door direct cool Refrigerator carrying with HFC and HC                                                                                                        | 185 L                                                                                                                                  | MRA/C                                                              | 1 No              | 134                           |
| 6          | 15    | Three/ four door Refrigerator                                                                                                                                        | 300 Lt carrying HC or 600a                                                                                                             | MRA/C                                                              | 2 Nos             | 136                           |

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|------------|-------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|-------------------------------|
| 6          | 16    | Air-conditioning, direct system                                            | Complete with all controls including humidity control                                                                                                                                                                                                                                                                                                                                            | MRA/C                                   | 1 No              | 164                           |
| 6          | 17    | Walk in cooler PUF insulated for cold room 6X4.5.5X8 cft.                  | Temperature 0degree to 5 degree c                                                                                                                                                                                                                                                                                                                                                                | MRA/C                                   | 1 Set             | 175                           |
| 6          | 18    | Bottle cooler visible                                                      | 200 L carrying with GFC-134a & reciprocating compressor                                                                                                                                                                                                                                                                                                                                          | MRA/C                                   | 1 No              | 158                           |
| 7          | 19    | Window A/C                                                                 | 1 Ton with R-22 Blend reciprocating compressor with stabilizer 4KVA                                                                                                                                                                                                                                                                                                                              | MRAC                                    | 1 No              | 108                           |
| 7          | 20    | Split A.c                                                                  | 1.5 Ton with R.13a or R-22 reciprocating compressor with stabilizer 4KVA                                                                                                                                                                                                                                                                                                                         | MRAC                                    | 1 No              | 110                           |
| 8          | 21    | (GMAW) MIG/MAG welding machine                                             | 400 amps capacity with Air cooled torch, gas hose and standard accessories                                                                                                                                                                                                                                                                                                                       | WELDER                                  | 1 Set             | 43                            |
| 9          | 22    | Lathe S.S. & S.C ( ALL Geared Head stock ) wit minimum Specification as:   | 150 mm centre Height, to admit 750 mm between centres. Machine to be motorized and supplied with coolant installation, 4-jaw Independent chuck 150 mm, 3-jaw self-centering chuck 150mm, fixed steady, traveling steady, face plate, driving plate, 4-waytool post, quick change gear box for Metric or British threads, live and dead centres with taper attachments, motor capacity - 5.5 KW.  | TURNER                                  | 1 No              | 42                            |
| 9          | 23    | Lathe S.S. & S.C (ALL Generead Head stock ) with Minimum Specification as: | 150 mm centre height, 1000 mm between centres, Gap bed Machine to be motorized and supplied with coolant installation, 4-jaw Independent chuck 250mm, 3-jaw self-centering chuck 200mm, fixed steady, travelling steady, face plate, driving plate, 4-waytool post , quick change gear box for metric or British threads, live and dead centres with taper attachments, motor capacity - 5.5 KW. | TURNER                                  | 2 Nos             | 43                            |
| 10         | 24    | Ice candy plant                                                            | 2 ton with capacity to make 32 ice candy at a time with Formal tray, stainless steel tank on trolly                                                                                                                                                                                                                                                                                              | MR A/C                                  | 1 No              | 163                           |
| 10         | 25    | De scaling pump set                                                        | with stainless steel impeller                                                                                                                                                                                                                                                                                                                                                                    | MRA/C                                   | 1 No              | 150                           |
| 11         | 26    | Website creation and updation                                              | Website creation                                                                                                                                                                                                                                                                                                                                                                                 | General                                 |                   | ICT                           |
| 11         | 27    | Wifi Router                                                                | TP link Archer C5400 Router                                                                                                                                                                                                                                                                                                                                                                      | DTPO, COPA, ICTSM                       | 3 Nos             | 3                             |

| Package No | SL NO | NAME OF THE ITEM                       | SPECIFICATION                                                                                                                                                                                                                                                               | Trade / Course for which it is required | Approved quantity | NSQF Syllabus Sl No / |
|------------|-------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------|-----------------------|
| 11         | 28    | DESK TOP COMPUTER                      | CPU 32/64 Bit i5 or latest processor speed 3 GHZ or Higher Ram-4gb DDR-III Higher Wifi Enable. Network card integrated Gigabit Ethernet, with USB mouse USB keyboard and monitor (min 17 inch License operating system and antivirus compatible with trade related software | DTPO, COPA, ICTSM, WIREMAN              | 10 Nos            | 29                    |
| 11         | 29    | Online UPS                             | 6000 VA/4800 W without isolation Transformer, For External Battery-12V.Upto 150 Ah Battery No.16 to 20 Adjustable, Default Battery:16 No's                                                                                                                                  | DTPO, COPA ,ICTSM                       | 3 Nos             | 29                    |
| 11         | 30    | LED Projector                          | Dlp 3200 Lumens                                                                                                                                                                                                                                                             | ELECTRICIAN, MRAC, COPA                 | 3 Nos             | 13                    |
| 11         | 31    | LED Screen                             | Matte (antiglare) Screen roll type                                                                                                                                                                                                                                          | ELECTRICIAN, MRAC, COPA                 | 3 Nos             | 14                    |
| 11         | 32    | Fibre Cable internet connection        | Fibre Cable internet connection                                                                                                                                                                                                                                             | DTPO, COPA, ICTSM                       | 3 Point           | 92                    |
| 11         | 33    | Lasor Printer                          | colour A4 Size,                                                                                                                                                                                                                                                             | DTPO, WIREMAN                           | 2 Nos             | 7                     |
| 11         | 34    | Digital web camera                     | High resolution (3.1MP)                                                                                                                                                                                                                                                     | DTPO, COPA                              | 2 Nos             | 11                    |
| 11         | 35    | Digital Still Camera                   | High resolution amateur camera                                                                                                                                                                                                                                              | DTPO                                    | 1 No              | 10                    |
| 11         | 36    | Extenal hard disc ITP                  | 1 TB                                                                                                                                                                                                                                                                        | DTPO, COPA                              | 2 Nos             | 17                    |
| 11         | 37    | Interactive board with all accessories | Interactive board with all accessories                                                                                                                                                                                                                                      | e-Learning                              | 1 No              | e-Learning            |
| 12         | 38    | Software Antivirus licenced            | Total security                                                                                                                                                                                                                                                              | DTPO/COPA/ ICTSM                        | 40 Nos            | 80                    |
| 12         | 39    | Regional Language software             | Tamil                                                                                                                                                                                                                                                                       | DTPO/COPA                               | 2 Nos             | 33                    |
| 12         | 40    | Tally Licenced                         | Latest version Multi user                                                                                                                                                                                                                                                   | COPA                                    | 1 No              | 33                    |
| 12         | 41    | Linux Rhel server OS DVD               | Enterprise edition                                                                                                                                                                                                                                                          | COPA                                    | 1 No              | 33                    |
| 12         | 42    | MS Office 2016                         | Latest version                                                                                                                                                                                                                                                              | DTPO/COPA/ICTSM                         | 30 Nos            | 32                    |
| 12         | 43    | Irfan Image editor                     | Latest version                                                                                                                                                                                                                                                              | DTPO                                    | 1 No              | 24                    |
| 12         | 44    | Adobe Creative Suit                    | Latest version                                                                                                                                                                                                                                                              | DTPO                                    | 1 No              | 29                    |
| 12         | 45    | Quark Xpress                           | Latest version                                                                                                                                                                                                                                                              | DTPO                                    | 1 No              | 27                    |
| 12         | 46    | Employement News                       |                                                                                                                                                                                                                                                                             | All                                     |                   |                       |
| 12         | 47    | Machine shop journal                   |                                                                                                                                                                                                                                                                             | FITTER/TURNER/ MACHINIST                | 1 No              | -                     |
| 12         | 48    | ICT journals                           |                                                                                                                                                                                                                                                                             | DTPO/COPA/ ICTSM                        | 1 No              | -                     |
| 12         | 49    | Other Trade Oriented Books             |                                                                                                                                                                                                                                                                             | All                                     |                   | Books                 |

Sd/....

Director of Employment and Training

// Forwarded by Order //

*K. R. S. S. S.*  
For Director 30/09/20

*29/9*  
30/09/20

**Approved Procurement Plan**  
**Name of the Govt ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

|       |                |                            |                    |                     | Amount in Rs        |
|-------|----------------|----------------------------|--------------------|---------------------|---------------------|
| SI No | Package Number | Description                | PP Proposed Amount | PP already Approved | Now Approved Amount |
|       |                |                            | 945000             | 945000              | 0                   |
| 1     | Package 1      | Class Room Furniture Steel | 412000             | 0                   | 412000              |
| 2     | Package 2      | Staff Room Steel Furniture | 280000             | 0                   | 280000              |
| 3     | Package 3      | Computer Furniture         | 560000             | 560000              | 0                   |
| 4     | Package 4      | Work Bench                 | 598040             | 182290              | 415750              |
| 5     | Package 5      | Electrical Machineries     | 978000             | 682000              | 296000              |
| 6     | Package 6      | MRAC Machineries           | 183000             | 110100              | 0                   |
| 7     | Package 7      | Field Technician AC        | 700000             | 100000              | 593000              |
| 8     | Package 8      | Welding                    | 830000             | 830000              | 0                   |
| 9     | Package 9      | Turner Machineries         | 564000             | 270000              | 294000              |
| 10    | Package 10     | MRAC Equipment             | 900000             | 895000              | 0                   |
| 11    | Package 11     | ICT Infrastructure         | 400000             | 394000              | 0                   |
| 12    | Package 12     | ICT Infrastructure         | <b>7350040</b>     | <b>4968390</b>      | <b>2290750</b>      |
|       |                | <b>Total Amount</b>        |                    |                     |                     |

Sd  
**Director**

//Forwarded by order//

*K. R. Srinivasan*  
 For Director 19/7/21

D/G  
 (19/07/21)

**Approved Procurement Plan**  
**Name of the ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

**NAME OF THE PACKAGE : STR/GITI MDU/COMPUTER FURNITURE PKG-III /852/C2/2019**

| SL.NO        | NAME OF THE ITEM                      | SPECIFICATION                                                                                   | Trade / Course<br>for which it is<br>required | Total<br>Approved | Rate /<br>Unit<br>(in Rs) | Total (in<br>Rs) | NSQF<br>Syllabus Sl<br>No | NSQF<br>Syllabus<br>Page No |
|--------------|---------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------|---------------------------|------------------|---------------------------|-----------------------------|
| 1            | Computer :Table<br>Material: ply wood | 61cmX75cm (height)X43cm<br>(width) Inside box 32cm<br>X 25cm height.,Diagram<br>Attaced, Fig. 6 | CHNMT / TURNER /<br>MACHINIST                 | 28                | 5800                      | 162400           | 43                        | 118                         |
| 2            | Computer Chair<br>Material : Steel    | 31"X20"X23" 18"(Leg height)                                                                     | CHNMT / TURNER /<br>MACHINIST                 | 28                | 4200                      | 117600           | 43                        | 118                         |
| <b>TOTAL</b> |                                       |                                                                                                 |                                               |                   |                           | <b>280000</b>    |                           |                             |

**Approved Procurement Plan**  
**Name of the ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

**NAME OF THE PACKAGE : STR/GITI MDU/ELECTRICAL PKG-V /852/C2/2019**

| <b>SL.NO</b> | <b>NAME OF THE ITEM</b>       | <b>SPECIFICATION</b>       | <b>Trade / Course for which it is required</b> | <b>Total Approved</b> | <b>Rate / Unit (in Rs)</b> | <b>Total (in Rs)</b> | <b>NSQF Syllabus SI No</b> | <b>NSQF Syllabus Page No</b> |
|--------------|-------------------------------|----------------------------|------------------------------------------------|-----------------------|----------------------------|----------------------|----------------------------|------------------------------|
| 1            | Transformer oil testing kit   | Automatic 60kv             | Wireman                                        | 1                     | 12,000                     | 12,000               | -                          | -                            |
| 2            | Single phase auto transformer | Single phase (0-300v 1KVA) | Wireman                                        | 1                     | 4,000                      | 4,000                | 125                        | 56                           |
| 3            | Voltmeter centre Zero         | 15-0-15                    | Wireman                                        | 1                     | 300                        | 300                  | 127                        | 56                           |
| 4            | Ammeter                       | (1-30 Amps)                | Wireman                                        | 1                     | 750                        | 750                  | 77                         | 54                           |
| 5            | Voltmeter MI multirange       | 1-50,75, 150V              | Wireman                                        | 1                     | 750                        | 750                  | 80                         | 54                           |
| 6            | Flux Meter                    |                            | Wireman                                        | 1                     | 4000                       | 4,000                | 79                         | 54                           |
| 7            | Tower ladder on type wheels   | Min 10Ft - Max 30ft        | Wireman                                        | 1                     | 8000                       | 8,000                | 115                        | 56                           |
| 8            | UPS 500 va with battery       | 230V                       | Wireman                                        | 1                     | 12,000                     | 12,000               | 65                         | 54                           |
| 9            | Lead acid battery             | 150 AH 12V                 | Wireman                                        | 1                     | 14,000                     | 14,000               | 95                         | 55                           |
| 10           | Current transformer           | 10/1, 20/1, 30/1           | Wireman                                        | 3                     | 200                        | 600                  | 119                        | 56                           |

**NAME OF THE PACKAGE : STR/GITI MDU/ELECTRICAL PKG-V /852/C2/2019**

| SL.N<br>O | NAME OF THE ITEM                             | SPECIFICATION                     | Trade / Course<br>for which it is<br>required | Total<br>Approved | Rate / Unit<br>(in Rs) | Total (in Rs) | NSQF<br>Syllabus SI No | NSQF<br>Syllabus<br>Page No |
|-----------|----------------------------------------------|-----------------------------------|-----------------------------------------------|-------------------|------------------------|---------------|------------------------|-----------------------------|
| 11        | Potential transformer                        | 220/110, 300/110                  | Wireman                                       | 2                 | 400                    | 800           | 128                    | 56                          |
| 12        | Solar Street light lamp set                  | 12V, 30 watts                     | Wireman                                       | 2                 | 3000                   | 6,000         | 129                    | 56                          |
| 13        | Conduit pipe cutting &<br>threading machines | 15mm to 30mm                      | Wireman                                       | 1                 | 6,500                  | 6,500         | 121                    | 56                          |
| 14        | Conduit pipe bending<br>machine              | 15mm, 18mm, 25mm &<br>30mm pipe   | Wireman                                       | 1                 | 3,000                  | 3,000         | 18                     | 52                          |
| 15        | Measuring Tape                               | 5 meter                           | Electrician                                   | 18                | 400                    | 7,200         | 19                     | 53                          |
| 16        | Earth plate (copper)                         | 60cm X 60cmX 3.15 mm              | Electrician                                   | 1                 | 1500                   | 1,500         | 1                      | 51                          |
| 17        | G.I Earth Plate                              | 60cm X 60cm X 6mm                 | Electrician                                   | 1                 | 500                    | 500           | 78                     | 53                          |
| 18        | Earth Electrode copper<br>trip               | 20X5mm                            | Electrician                                   | 1                 | 250                    | 250           |                        | 53                          |
| 19        | MCCB                                         | 100 Amps, Triple pole             | Electrician                                   | 2                 | 1800                   | 3,600         | 79                     | 53                          |
| 20        | ELCB                                         | 2 pole, 25A                       | Electrician                                   | 2                 | 2300                   | 4,600         | 80                     | 53                          |
| 21        | Battery Charger                              | 0-6-9-1-24-48v,30amps             | Electrician                                   | 1                 | 10000                  | 10,000        | 81                     | 53                          |
| 22        | Oil testing kit                              | 230 v single phase, 50Hz<br>60KVA | Electrician                                   | 1                 | 12,000                 | 12,000        | -                      | -                           |

**NAME OF THE PACKAGE : STR/GITI MDU/ELECTRICAL PKG-V /852/C2/2019**

| SL.N<br>O | NAME OF THE ITEM                                        | SPECIFICATION                                     | Trade / Course<br>for which it is<br>required | Total<br>Approved | Rate / Unit<br>(in Rs) | Total (in Rs) | NSQF<br>Syllabus SI No | NSQF<br>Syllabus<br>Page No |
|-----------|---------------------------------------------------------|---------------------------------------------------|-----------------------------------------------|-------------------|------------------------|---------------|------------------------|-----------------------------|
| 23        | Pillar Electrical drill<br>machine Motorized            | 12-20mm Capacity, Hp<br>400V, 3 phase. Induction  | Electrician                                   | 1                 | 18,000                 | 18,000        | 155                    | 59                          |
| 24        | RCCB                                                    | 2pole, 25A                                        | Electrician                                   | 2                 | 2,500                  | 5,000         | 99                     | 53                          |
| 25        | DC Power Supply                                         | 250V, DC, 25amps                                  | Electrician -2<br>Wireman - 1                 | 3                 | 1,500                  | 4,500         | 130                    | 55,57                       |
| 26        | Safety Belt                                             | Material: Nylon                                   | Electrician                                   | 10                | 500                    | 5,000         | 93                     | 54                          |
| 27        | Safety Hand Gloves                                      | 36.3X 16X 6.3cm                                   | Electrician                                   | 2                 | 1,000                  | 2,000         |                        |                             |
| 28        | Electrician Helmet                                      | Yellow Colour                                     | Electrician                                   | 10                | 800                    | 8,000         | 91                     | 54                          |
| 29        | Ohm meter, series type &<br>shert type portable box     | 50/2000 ohm , analog                              | Electrician                                   | 2                 | 2,000                  | 4,000         | 94                     | 54                          |
| 30        | Digital multi meter                                     | DC 200 mv- 100V, 0-10A,<br>Ac 200mv-750v, 0-10 A, | Electrician<br>MRAC, DTPO,                    | 15                | 4,000                  | 60,000        | 95                     | 55                          |
| 31        | Ac voltmeter MI analog,<br>portable box type            | 75v-150v-300-600                                  | Electrician                                   | 2                 | 2,000                  | 4,000         | 96                     | 55                          |
| 32        | Mill voltmeter center zero<br>analog, portable box type | 100-0-100mv                                       | Electrician                                   | 2                 | 1,800                  | 3,600         | 97                     | 55                          |
| 33        | Ammetre MC analoy                                       | 0-500MA                                           | Electrician                                   | 2                 | 1,600                  | 3,200         | 98                     | 55                          |
|           | Portable Box type                                       | 0-5A                                              | Electrician                                   | 2                 | 1,600                  | 3,200         | 98                     | 55                          |

**NAME OF THE PACKAGE : STR/GITI MDU/ELECTRICAL PKG-V /852/C2/2019**

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|-----------|----------------------------------------|-------------------------------------------|-----------------------------------------------|-------------------|------------------------|---------------|------------------------|-----------------------------|
|           | Housed in basketite case               | 0-25A                                     | Electrician                                   | 2                 | 1,600                  | 3,200         | 98                     | 55                          |
| 34        | Ac Ammeter                             | 0-1A                                      | Electrician                                   | 2                 | 1000                   | 2,000         | 99                     | 55                          |
|           | MI analoy                              | 0-5A                                      | Electrician                                   | 2                 | 1000                   | 2,000         | 99                     | 55                          |
|           | Portable Box type                      | 0-25A                                     | Electrician                                   | 2                 | 1000                   | 2,000         | 99                     | 55                          |
| 35        | Digital Wattmeler                      | 230V, 1kw, 50Hz                           | Electrician                                   | 2                 | 2,000                  | 4,000         | 101                    | 55                          |
| 36        | AC Energy meter                        | single phase, 10A, 240V<br>induction type | Electrician<br>MRAC                           | 6                 | 1,500                  | 9,000         | 102                    | 55                          |
| 37        | AC Energy meter                        | 3ph,15A, 440V induction<br>type           | Electrician-2<br>Wireman-2                    | 4                 | 2,500                  | 10,000        | 93                     | 55                          |
| 38        | Power factor meter Digital             | 440v, 20A, 3ph portable                   | Electrician                                   | 2                 | 3,000                  | 6,000         | 104                    | 55                          |
| 39        | Magnetic flux meter                    | 0-500 tesla                               | Electrician                                   | 2                 | 3,000                  | 6,000         | 106                    | 55                          |
| 40        | Lux meter                              | 0.05 to 700 Luman                         | Electrician                                   | 2                 | 2,500                  | 5,000         | 107                    | 55                          |
| 41        | Thermometer Digital                    |                                           | Electrician                                   | 2                 | 2,600                  | 5,200         | 73                     | 53                          |
| 42        | Universal Motor with<br>Stanter/Switch | 240V, 50HZ, 1HP                           | Electrician-1<br>Wireman-1                    | 2                 | 9,000                  | 18,000        | 102                    | 55,58                       |

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|------------------------------------------------------------------|------------------------------------------|----------------------------------------|-----------------------------------------------|-------------------|------------------------|-----------------|------------------------|-----------------------------|
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| 43                                                               | AC series type motor                     | 1 HP, 24 OV, 50HZ                      | Electrician                                   | 1                 | 5,000                  | 5,000           | 157                    | 59                          |
| 44                                                               | Manuel Motor coil<br>winding machine     | with step arbor                        | Electrician                                   | 1                 | 5,000                  | 5,000           | 159                    | 59                          |
| 45                                                               | Celing Fan coil winding<br>machine       | 250V, 50HZ, 1-ph with<br>speed control | Electrician                                   | 1                 | 8,000                  | 8,000           | 160                    | 59                          |
| 46                                                               | Stepper motor with Digital<br>Controller |                                        | Electrician                                   | 1                 | 8,500                  | 8,500           | 162                    | 59                          |
| 47                                                               | Shaded pole motor                        | Fractional HP, 24OV,<br>50HZ           | Electrician                                   | 1                 | 9,500                  | 9,500           | 163                    | 59                          |
| 48                                                               | Washing machine Semi<br>Automatic        | 5Kg                                    | Electrician                                   | 1                 | 15,000                 | 15,000          | 126                    | 56                          |
| 49                                                               | Voltmeter AC/DC                          | 0 to 500                               | MRAC                                          | 5                 | 1,000                  | 5,000           | -                      | -                           |
| 50                                                               | Ammeter AC/DC                            | 0 to 30A                               | MRAC                                          | 5                 | 900                    | 4,500           | -                      | -                           |
| 51                                                               | Megger                                   | 1000V                                  | COPA, MRAC,<br>COPA                           | 7                 | 4,500                  | 31,500          | -                      | -                           |
| 52                                                               | Wattmeter                                | Multirange 1 KW                        | MRAC, DTPO,<br>COPA                           | 5                 | 2,900                  | 14,500          | -                      | -                           |
| 53                                                               | Fire Extinguisher                        |                                        | MRAC                                          | 2                 | 2,000                  | 4,000           | -                      | -                           |
| <b>TOTAL</b>                                                     |                                          |                                        |                                               |                   |                        | <b>4,15,750</b> |                        |                             |

**Approved Procurement Plan**  
**Name of the ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

**NAME OF THE PACKAGE : STR/GITI MDU/MRAC MACHINES PKG-VI /852/C2/2019**

| SL NO        | NAME OF THE ITEM                                                                                                                                                                                                                                                                                                                                                                                                      | SPECIFICATION                                                                      | Trade / Course for which it is required | Total Approved | Rate / Unit (in Rs) | Total (in Rs) | NSQF Syllabus SI No | NSQF Syllabus Page No |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------|----------------|---------------------|---------------|---------------------|-----------------------|
| 1            | Cassette Air conditioner                                                                                                                                                                                                                                                                                                                                                                                              | 4500 kcal/hr.                                                                      | MR A/C                                  | 1 Nos.         | 80000               | 80000         | 149                 | 63                    |
| 2            | Automatic ice cube m/c                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                    | MRA/C                                   | 1Nos.          | 75,000              | 75,000        | 170                 | 64                    |
| 3            | Ductable split A/C                                                                                                                                                                                                                                                                                                                                                                                                    | 1.5 ton with 134 a or R 22 reciprocating compressor                                | MRA/C                                   | 1Nos.          | 110000              | 110000        | 146                 | 63                    |
| 4            | Evacuating and refrigerent charning station, consist of<br>a) Rotary two stage vacuum pump and motor (with gas ballast and anti such back)<br>b) manifold with gauges and valves and capable pf pulling vacuum up to 50 microns of Hg and with provision of connecting to a microns level vacuum gauhe<br>c) Graduated charging cylinder with provision for temperature correction and all necessary isolating valves | (cap.2kg in lieu of (b) above and with accuracy of +/-g for charging hydrocarbons) | MRA/C                                   | 1Nos.          | 15000               | 15000         | 140                 | 62                    |
| 5            | Absorption system small size                                                                                                                                                                                                                                                                                                                                                                                          | Small size                                                                         | MRA/C                                   | 1Nos.          | 16000               | 16000         | 176                 | 64                    |
| <b>TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                         |                |                     | <b>296000</b> |                     |                       |

**Approved Procurement Plan**  
**Name of the ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

**NAME OF THE PACKAGE : STR/GITI MDU/WELDING PKG-VIII /852/C2/2019**

| SL No        | NAME OF THE ITEM                                            | SPECIFICATION                                                                                              | Trade / Course<br>for which it is<br>required | Total<br>Approved | Rate / Unit<br>(in Rs) | Total<br>(in Rs) | NSQF Syllabus<br>SI No | NSQF Syllabus<br>Page No |
|--------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------|------------------------|------------------|------------------------|--------------------------|
| 1            | (GTAW) AC/DC TIG welding machine                            | 300 amps capacity with cooled torch, Argon regulator gas hose, circulating system and standard accessories | WELDER                                        | 1SET              | 270000                 | 270000           | 44                     | 45                       |
| 2            | Plasma arc cutting machine                                  | Capacity Platecutting thickness 12mm                                                                       | WELDER                                        | 2 SET             | 25000                  | 50000            | 45                     | 45                       |
| 3            | Air compressor suitable for above air plasma cutting system | 1.5 h.p capacity                                                                                           | WELDER                                        | 2NOS              | 16000                  | 32000            | 46                     | 45                       |
| 4            | Spot welding machine                                        | 15 kva with all accessories                                                                                | WELDER                                        | 1SET              | 55000                  | 55000            | 48                     | 45                       |
| 5            | Auto darkening welding helmet                               |                                                                                                            | WELDER                                        | 6 NOS             | 4000                   | 24000            | 47                     | 45                       |
| 6            | AG 4 grinder                                                |                                                                                                            | WELDER                                        | 5 NOS             | 1600                   | 8000             | 52                     | 45                       |
| 7            | Portable abrasive cut off machine                           | Cut of saw 355mm                                                                                           | WELDER                                        | 3 NOS             | 9000                   | 27000            | 71                     | 46                       |
| 8            | Bench vice                                                  | 150 mm jaws                                                                                                | WELDER                                        | 10 NOS            | 4200                   | 42000            | 60                     | 46                       |
| 9            | oxy acetylene welding. Set with complete all accessories    |                                                                                                            | MRAC                                          | 1 No.             | 85000                  | 85000            | 133                    | 62                       |
| <b>TOTAL</b> |                                                             |                                                                                                            |                                               |                   |                        | <b>593000</b>    |                        |                          |

**Approved Procurement Plan**  
**Name of the ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

**NAME OF THE PACKAGE : STR/GITI MDU/MRAC EQUIPMENTS PKG-X /852/C2/2019**

| SL.N<br>O    | NAME OF THE ITEM                              | SPECIFICATION                                                                                                                                         | Trade /<br>Course for<br>which it is<br>required | Total<br>Approved | Rate / Unit<br>(in Rs) | Total (in Rs)   | NSQF<br>Syllabus Sl<br>No | NSQF<br>Syllabus<br>Page No |
|--------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------|------------------------|-----------------|---------------------------|-----------------------------|
| 1            | Deep freezer                                  | 200 L carrying with HFC-134a&<br>reciprocating compressor                                                                                             | MR A/C                                           | 1 Nos.            | 40000                  | 40,000          | 159                       | 63                          |
| 2            | Two Stage rotary vacuum<br>pump, 3 or 4 CFM   | Capacity approx, 60-10rmp capable of<br>evacuating to 50 microns of Hg and fitted<br>with gas ballast, anti such back valve and<br>single phase motor | MRA/C                                            | 1 Nos.            | 4,000                  | 5,000           | 142                       | 62                          |
| 3            | Frost free refrigerator                       | 200 l carrying with HC blend                                                                                                                          | MRA/C                                            | 1 Nos.            | 22,000                 | 30,000          | 135                       | 62                          |
| 4            | Circulating water pump (small)                | 0.5 H.P with stainless tank capacity 20<br>liters with in let/outlet provision                                                                        | MRA/C                                            | 1Nos.             | 6,000                  | 10,000          | 153                       | 63                          |
| 5            | Window A/C                                    | 1 Ton with R-22 Blend reciprocating<br>compressor                                                                                                     | MRA/C                                            | 2 Nos.            | 25,000                 | 30,000          | 144                       | 63                          |
| 6            | Bus A/C Tutorial model                        | 50kg per hour                                                                                                                                         | MRA/C                                            | 1 set             | 1,40,000               | 1,40,000        | 169                       | 64                          |
| 7            | Water dispenser bubble type<br>(Hot and cold) | 2.5 to 3ltr, Delivery capacity per hour                                                                                                               | MRA/C                                            | 1 Nos.            | 12,000                 | 15,000          | 162                       | 63                          |
| 8            | Rotary hermetic compressor                    | 2 Ton                                                                                                                                                 | MRA/C                                            | 1 Nos.            | 14,000                 | 15,000          | 157                       | 63                          |
| 9            | Gauge manifold with gauges                    | Different size of hoses for R134a,R22 & R<br>410a                                                                                                     | MRA/C                                            | 1 No each         | 2,000                  | 9,000           | 155                       | 63                          |
| <b>TOTAL</b> |                                               |                                                                                                                                                       |                                                  |                   |                        | <b>2,94,000</b> |                           |                             |

**Approved Procurement Plan**  
**Name of the Govt ITI - Madurai**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

| Amount in Rs |                |                            |                    |                     |                     |
|--------------|----------------|----------------------------|--------------------|---------------------|---------------------|
| SI No        | Package Number | Description                | PP Proposed Amount | PP already Approved | Now Approved Amount |
| 1            | Package 1      | Class Room Furniture Steel | 945000             | 945000              | 0                   |
| 2            | Package 2      | Staff Room Steel Furniture | 412000             | 0                   | 412000              |
| 3            | Package 3      | Computer Furniture         | 280000             | 0                   | 280000              |
| 4            | Package 4      | Work Bench                 | 560000             | 560000              | 0                   |
| 5            | Package 5      | Electrical Machineries     | 598040             | 182290              | 415750              |
| 6            | Package 6      | MRAC Machineries           | 978000             | 682000              | 296000              |
| 7            | Package 7      | Field Technician AC        | 183000             | 110100              | 0                   |
| 8            | Package 8      | Welding                    | 700000             | 100000              | 593000              |
| 9            | Package 9      | Turner Machineries         | 830000             | 830000              | 0                   |
| 10           | Package 10     | MRAC Equipment             | 564000             | 270000              | 294000              |
| 11           | Package 11     | ICT Infrastructure         | 900000             | 895000              | 0                   |
| 12           | Package 12     | ICT Infrastructure         | 400000             | 394000              | 0                   |
|              |                | <b>Total Amount</b>        | <b>7350040</b>     | <b>4968390</b>      | <b>2290750</b>      |

Sd  
**Director**

**Approval of Proposed Expenditure plan for Facilities for Trainees**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

| SI No | Name of the Trade                        | No of Units |           | No of Trainees |           | Industrial Visit            |                       | Inplant Training            |                                                     | Total Travelling Cost Approved |
|-------|------------------------------------------|-------------|-----------|----------------|-----------|-----------------------------|-----------------------|-----------------------------|-----------------------------------------------------|--------------------------------|
|       |                                          | Regular     | 3rd Shift | Regular        | 3rd Shift | Travelling Cost per Trainee | Total Travelling Cost | Travelling Cost per Trainee | Total Travelling Cost for 2 Weeks (Per week 6 Days) |                                |
| 1     | Mechanic Auto Electricals & Electronics  | 2           | -         | 34             | 0         | 50                          | 1700                  | 50                          | 20400                                               | 22100                          |
| 2     | Mechanic Diesel                          | 2           | -         | 38             | 0         | 50                          | 1900                  | 50                          | 22800                                               | 24700                          |
| 3     | Sheet Metal Worker                       | 2           | -         | 36             | 0         | 50                          | 1800                  | 50                          | 21600                                               | 23400                          |
| 4     | Welder                                   | 5           | -         | 67             | 0         | 50                          | 3350                  | 50                          | 40200                                               | 43550                          |
| 5     | MMTM                                     | 2           | -         | 36             | 0         | 50                          | 1800                  | 50                          | 21600                                               | 23400                          |
| 6     | Mechanic Refrigeration & Airconditioning | 2           | 1         | 36             | 15        | 50                          | 2550                  | 50                          | 30600                                               | 33150                          |
| 7     | Mechanic Motor Vehicle                   | 6           | 2         | 112            | 34        | 50                          | 7300                  | 50                          | 87600                                               | 94900                          |
| Total |                                          | 21          | 3         | 359            | 49        |                             | 20400                 |                             | 244800                                              | 265200                         |

**Approval of Proposed Expenditure plan for Facilities for Trainees**  
**Honorarium for Guest Lecturer**  
**R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021**

| <b>Sl No</b> | <b>Name of the Trade</b>                  | <b>Total Hours required for Guest Lecturer</b> | <b>Total Estimated Remuneration (Remuneration Rs 500/Hr)</b> |
|--------------|-------------------------------------------|------------------------------------------------|--------------------------------------------------------------|
| 1            | Computer Hardware and Network Maintenance | 16                                             | 8000                                                         |
| 2            | COPA                                      | 16                                             | 8000                                                         |
| 3            | DTPO                                      | 16                                             | 8000                                                         |
| 4            | Mechanic Auto Electricals & Electronics   | 16                                             | 8000                                                         |
| 5            | Mechanic Diesel                           | 16                                             | 8000                                                         |
| 6            | Food Production (General)                 | 120                                            | 60000                                                        |
| 7            | Interior Design & Decoration              | 120                                            | 60000                                                        |
| 8            | Sheet Metal Worker                        | 16                                             | 8000                                                         |
| 9            | Welder                                    | 16                                             | 8000                                                         |
| 10           | Fitter                                    | 30                                             | 15000                                                        |
| 11           | Electrician                               | 24                                             | 12000                                                        |
| 12           | Machinist                                 | 24                                             | 12000                                                        |
| 13           | Turner                                    | 24                                             | 12000                                                        |
| 14           | Mechanic Machine Tool Maintenance         | 16                                             | 8000                                                         |

| Sl No | Name of the Trade                         | Total Hours required for Guest Lecturer | Total Estimated Remuneration (Remuneration Rs 500/Hr) |
|-------|-------------------------------------------|-----------------------------------------|-------------------------------------------------------|
| 15    | Mechanic Refrigeration & Air Conditioning | 16                                      | 8000                                                  |
| 16    | Mechanic Motor Vehicle                    | 24                                      | 12000                                                 |
| 17    | Instrument Mechanic                       | 16                                      | 8000                                                  |
| 18    | ICTM                                      | 16                                      | 8000                                                  |
| 19    | Wireman                                   | 16                                      | 8000                                                  |
|       | <b>Total</b>                              | <b>558</b>                              | <b>279000</b>                                         |

| Approval of Proposed Expenditure plan for Facilities for Trainees |                                                                                      |                     |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------|
| 1                                                                 | Total Travel Cost Approved for Industrial Visit, In Plant Training & On Job Training | Rs.265200           |
| 2                                                                 | Total Cost Approved for Honorarium of Guest Lecture                                  | Rs.279000           |
|                                                                   | <b>Total</b>                                                                         | <b>Rs.544200</b>    |
|                                                                   | <b>Total Amount Approved</b>                                                         | <b>Rs.5.50 Lakh</b> |

Sd/...  
Director

// Forwarded by order // *K. R. Singh*  
For *Director*  
19/07/21

Govt ITI Madurai

Approval of Expenditure Plan for Training of Teaching and Management Staff  
R.C.No 14952 / SPIU 4 / 2020, Dt.19.07.2021

| Sl No | Name of the Trade                 | Total no of Trainers | Training fee for one trainee (Amount in Rs) | Total Training Fee (Amount in Rs) | Total Approved amount (Rs in Lakh) | Name of the Training Provider                                                 |
|-------|-----------------------------------|----------------------|---------------------------------------------|-----------------------------------|------------------------------------|-------------------------------------------------------------------------------|
| 1     | Turner                            | 8                    | 32000                                       | 256000                            | Rs.5.50 Lakh                       | Central Institute of Petrochemicals Engineering & Technology (CIPET), Madurai |
| 2     | Machinist                         | 7                    | 32000                                       | 224000                            |                                    |                                                                               |
| 3     | Mechanic Machine Tool Maintenance | 2                    | 32000                                       | 64000                             |                                    |                                                                               |
|       | <b>Total</b>                      | <b>17</b>            |                                             | <b>544000</b>                     |                                    |                                                                               |

Note :- Training undergoing details to be recorded in SR of Individual Instructors

Sd  
Director

// Forwarded by order //

K. R. Sathya  
For Director  
27/07  
19/07/21