



e-205

GOVERNMENT OF KERALA
DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT POLYTECHNIC COLLEGE, ADOOR

MANAKALA P.O., ADOOR, PATHANAMTHITTA - 691551, KERALA
Ph: 04734 231776, Email: gptcadr@gmail.com, Web: gptcador.org

No.GPCADR/707/2024-D

Dated: 02.12.2024

TENDER NOTICE

Sealed Tenders in the prescribed form are invited for the supply of Experimental Equipments for Mechanical Engineering Department of Govt. Polytechnic College, Adoor.

as per the list attached

Details

- | | |
|--|---------------------|
| 1. Tender No. | : 01/2014. |
| 2. Date up to which tender form will be sold | : 14.01.2025. 3 PM. |
| 3. Last date & time of Receipt | : 15.01.2025 1 PM. |
| 4. Date of opening | : 15.01.2025 2 PM. |
| 5. Cost of Tender form: | |

Original : Rs. 600+ GST 18 % Total -Rs 708/-

Duplicate: Rs. 300+ GST 18 % Total -Rs 354/-

- | | |
|--|------------------------------------|
| 6. EMD | : 1 % of the Total Estimate Value. |
| 7. Total Estimated Cost | : Rs .2,99,000/- |
| 8. Mode of remittance of the cost of Tender form | |

: In cash remittance in the college office or by Money Order. Those who want tender form by Post should remittent additional amount of Rs.50/- for each tender as postal charge. Any other made of payments as cost of Tender form will not be accepted.

An agreement in Kerala Stamp Paper worth Rs.220/- is to accompany the Tender. Tender forms can be had from Principal, Govt. Polytechnic College, Adoor. More details can be obtained from the office on working time.

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MANAKKALA, ADOOR

GOVERNMENT POLYTECHNIC COLLEGE, ADOOR, PATHANAMTHITTA.

Annexure
FLUID MECHANICS LAB

01. CLOSED CIRCUIT NOTCHES TANK APPARATUS (COMBINED UNIT)

NOTCH TANK	:	Stainless Steel Notch Tank of Suitable size having arrangement to fix replaceable notches with a set of welded mesh baffles for accommodating $\frac{3}{4}$ "/1" crusher stones for steadying the flow of water.
NOTCHES	:	Triangular Notch – 1 No Rectangular Notch – 1 No
HOOK GAUGE	:	30cm range with mounting provision
MEASURING TANK	:	Stainless Steel unit of Suitable size with overflow arrangement & provided with a PVC control valve and an elbow.
SUMP TANK	:	Stainless Steel unit of Suitable size for storage of water to circulate through experimental unit.
SUPPLY PUMP SET	:	0.5 HP single phase to pump water from the sump fitted with a control valve.
MAIN SWITCH	:	MCB
FRAME WORK MOUNTING	:	Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation.
SERVICES REQUIRED	:	Single phase power supply 200/220V & water to fill up sump tank.

02. CLOSED CIRCUIT BERNOULLI'S THEOREM APPARATUS

SUPPLY TANK	:	Stainless Steel unit of Suitable size provided with piezometer for the measurement of total potential head.
DUCT	:	A Transparent Converging duct with pressure tapping points to note the static pressure at difference locations

MEASURING TANK	:	Stainless Steel unit of Suitable size with an . overflow arrangement & provided with a PVC control valve & an elbow.
SUMP TANK	:	Stainless Steel unit of Suitable size for storage of water to circulate through experimental unit.
SUPPLY PUMP SET	:	0.25 HP single phase to pump water from the sump fitted with a control valve
MAIN SWITCH	:	MCB
FRAME WORK		
MOUNTING	:	Mounted on frame work & completely fitted with all the above items as self contained unit suitable for operation without any foundation.
SERVICES REQUIRED	:	Single phase power supply 200/220V & water to fill up sump tank

03. CLOSED CIRCUIT CALIBRATION RIG FOR VENTURIMETER – 1 Line 25 mm

PIPING SYSTEM	:	One pipe line of size 25 mm fitted with Venturimeter having isolating cocks to facilitate experiment on individual Venturimeter.
DIFFERENTIAL HEAD MEASUREMENT	:	Differential manometer.
MEASURING TANK	:	Stainless Steel unit of Suitable size with an . over flow arrangement & provided with a PVC control valve & an elbow.
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Note: Detailed Floor space requirement/drawing for each item to be furnished along with the tender quote.



[Signature]
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കേരള സർക്കാർ
സാങ്കേതിക വിദ്യാഭ്യാസ വകുപ്പ്
സർക്കാർ പോളിടെക്നിക്ക് കോളേജ്, അടൂർ

മണക്കാല പി ഓ., അടൂർ, പത്തനംതിട്ട - 691551

Ph: 04734 231776, Email: gptcadr@gmail.com, Web: gptcador.org

നമ്പർ. ജിപിസിഎഡിആർ/707/2024-ഡി

തീയതി 02.12.2024

ദർഘാസ് പരസ്യം

സർക്കാർ പോളിടെക്നിക്ക് കോളേജ് അടൂരിലെ മെക്കാനിക്കൽ എഞ്ചിനീറിംഗ് വിഭാഗത്തിലേക്ക് ആവശ്യമായ അനുബന്ധമായി ചേർത്തിരിക്കുന്ന ഉപകരണങ്ങൾ വിതരണം ചെയ്യുന്നതിലേക്ക് മത്സര സ്വഭാവമുള്ളതും മുദ്രവച്ചതുമായ ദർഘാസുകൾ ക്ഷണിക്കുന്നു.

1. ദർഘാസ് നമ്പർ : 01/2024
2. ദർഘാസ് ഫോറം വിൽക്കുന്ന അവസാന തീയതി : 14.01.2025. 3 PM
3. ദർഘാസ് സ്വീകരിക്കുന്ന അവസാന തീയതി : 15.01.2025 1 PM
4. ദർഘാസ് തുറക്കുന്ന തീയതി : 15.01.2025 2 PM.
5. ദർഘാസ് ഫോറത്തിന്റെ വില : (രൂപ 600+18% GST) 708/- രൂപ
6. ദർഘാസ് ഫോറത്തിന്റെ പകർപ്പിന്റെ വില : (രൂപ 300+18% GST) 354/- രൂപ
7. നിരത ദ്രവ്യം : ആകെ വിലയുടെ ഒരു ശതമാനം
8. അടങ്കൽ തുക : 2,99,000/-

ദർഘാസ് ഫോറം തപാലിൽ ലഭിക്കുവാൻ 50 രൂപ തപാൽ കൂലിയായി അയക്കേണ്ടതാണ്. പ്രിൻസിപ്പാളിന്റെ പേർക്ക് അയക്കാവുന്ന മണിയോർഡറുകളായി മാത്രമേ ദർഘാസ് വില സ്വീകരിക്കുകയുള്ളൂ. ദർഘാസിന്റെ വില ഓഫീസിൽ നേരിട്ട് പണമായും ഒടുക്കാവുന്നതാണ്. പോസ്റ്റൽ ഓർഡർ, ചെക്ക്, ഡിമാന്റ് ഡ്രാഫ്റ്റ് മുതലായവ സ്വീകാര്യമല്ല. 220/- രൂപ മുദ്ര പത്രത്തിൽ തയ്യാറാക്കിയ സമ്മതപത്രവും ദർഘാസിനോടൊപ്പം സമർപ്പിക്കേണ്ടതാണ്. ദർഘാസ് ഫോറവും കൂടുതൽ വിശദാംശങ്ങളും പ്രവർത്തി സമയങ്ങളിൽ ഓഫീസിൽ നിന്നും ലഭിക്കുന്നതാണ്.

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പ്രിൻസിപ്പാൾ

ഉള്ളടക്കം: മേൽ പ്രസ്താവിച്ചത്



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