



PUBLIC NOTICE POSTING REQUEST TO OFFICE OF TOWN CLERK

Fax: 978-572-1228

Email: townclerk@townofnewbury.org

BOARD/COMMITTEE/ORGANIZATION: **_Capital Planning Committee**

☒ MEETING

☐ PUBLIC HEARING

DAY of WEEK/DATE: **Thursday, 3 Feb 2022**

JOIN ZOOM MEETING:

PURPOSE: **General Business**

SUBMITTED BY (Name & Title): **Marshall Jespersen, Capital Planning Committee Chairman**

All meeting notices must be filed and time stamped in the town clerk's office and posted on the municipal bulletin board 48 hours prior to the meeting in accordance with MGL Ch. 30A, § 18-25. This may not include Saturdays, Sundays or legal holidays. Newbury Municipal Offices are open Monday, Wednesday, Thursday 8am-4pm and Tuesday from 8am-7pm, closed Fridays. Faxed or Emailed postings must reach the Clerk's office during business hours 48 hours prior to the meeting.

Marshall Jespersen is inviting you to a scheduled Zoom meeting.

Topic: **Capital Planning Committee**

Time: **Feb 3, 2022 07:00 AM Eastern Time (US and Canada)**

Marshall Jespersen is inviting you to a scheduled Zoom meeting.

Topic: **CPC regular meeting**

Time: **Feb 3, 2022 07:00 AM Eastern Time (US and Canada)**

Join Zoom Meeting

<https://us02web.zoom.us/j/84437388190>

Meeting ID: **844 3738 8190**

Passcode: **357138**

One tap mobile

+19292056099,,84437388190# US (New York)

+13017158592,,84437388190# US (Washington DC)

Dial by your location

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: **844 3738 8190**

Find your local number: <https://us02web.zoom.us/u/kcc1vsG8Pw>

Join by Skype for Business

<https://us02web.zoom.us/skype/84437388190>

RECEIVED
22 JAN 31 PM 3:36
NEWBURY TOWN CLERK

MEETING NOTICES WILL ALSO BE POSTED ON THE TOWN WEBSITE

In accordance with the requirements of the Open Meeting Law, please be advised that this meeting is being recorded and broadcast over the Newbury Public Access Channel. The Town of Newbury, in response to the COVID-19 (Corona Virus) is currently following the guidance from the Newbury Health Agent, Massachusetts Department of Public Health and the CDC regarding the virus and the steps communities can take to prevent the spread. As such, all town facilities are currently closed to the public. In accordance with the Governor's Order Suspending Certain Provisions of the Open Meeting Law, G.L. c. 30A § 20, all public meetings are being conducted remotely and without public comment at the chair's discretion. This meeting will be broadcast live through local access cable, on ZOOM and will be found on the Newbury Access YouTube Channel.

Agenda Items

Call to Order

Roll call and Establish a forum.

DPW Requisitions for replacement of 15 year old dump truck, \$240,885

Fire Department replacement of a cardiac monitor, \$40,000

Police Department replacement of a cruiser (scheduled), \$40,000

4 new solar powered speed monitors, \$12,000

2 solar powered crosswalk signs for Plum Island, \$9,000

Trash pump for Harbormaster, \$800

"Tuff Book" laptop for Harbormaster, \$3,500

Replacement vehicle for the Shellfish Constable, \$30,000

Citizens' concerns

Next meeting

Adjourn

Project Number:
(For office use only)

Click here to
enter text.

CAPITAL REQUEST FORM TOWN OF NEWBURY

Department:	Fire/Ambulance	Priority Level: (Rank Level 1-5, with 1 = Highest Priority)	2
Contact person:	Chief Douglas Janvrin, Jr.		
Phone:	978-462-2282 Ext. 275	Email:	firechief@townofnewbury.org
Proposed project name:	Cardiac Monitor Replacement		
Project location:	Newbury Medic Ambulance		
Project description:	Replacement of outdated cardiac monitor		
Why project is needed/ consequence for not completing :	Our current cardiac monitor is outdated and parts will not be available should the unit have a failure. Having only 1 monitor, the medic ambulance would be out of service should this unit fail.		
Combine with other projects? Which?	Click here to enter text.		
Date Asset was Built or Purchased	2012		
Useful Life (in years)	Approximately 10 years		

Financial Implications

Total project cost:	40,000.00								
When needed (identify amount needed each year of Five Year Capital Plan):									
FY23	40,000.00	FY24	Click here to enter text.	FY25	Click here to enter text.	FY26	Click here to enter text.	FY27	Click here to enter text.
Potential grant funds or other resources that could help offset project costs (list in box to right):					Click here to enter text.				
Projected impact on operating costs [Show increases as positive (+) and savings as negative (-)]									
FY23	Click here to enter text.	FY24	Click here to enter text.	FY25	Click here to enter text.	FY26	Click here to enter text.	FY27	Click here to enter text.

Other Comments:

This expenditure would be purchased from the Ambulance Enterprise Account.

Requested by:	Douglas Janvrin, Jr., Fire Chief	Date:	November 01, 2021
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JOHN R. LUCEY JR.
Chief of Police
7 Morgan Avenue
Newbury, MA 01951



ORI-MA 0052200



EMERGENCY: 911
TEL: (978) 462-4440
FAX: (978) 465-7582
WEB: www.newburypolice.org

DATE: October 25, 2021

TO: Tracy Blais, Town Administrator
FROM: John R. Lucey Jr., Chief of Police

RE: **FY23 Capital Expense Requests (Police, Animal Control, Harbormaster, Emergency Management, Shellfish Constable)**

To Whom It May Concern:

The following requests for capital purchases, in FY2023, are respectfully submitted for consideration:

A. Police Department

1. Replacement of Administrative cruiser (#26). Replacement cost approximately \$40,000.00
 - 2014 Ford Explorer;
 - Currently assigned to the Chief of Police;
 - Currently has 71,000 miles
 - Used for administrative duties and frequent patrol duties.
2. Purchase of 4 deployable, solar powered speed RADAR signs. Total Cost approximately \$12,000.00.
 - RADAR speed notification signs;
 - Either permanently deployed in problem areas or moved to areas of concern;
 - Proven effective for traffic calming;
 - Strong interest of citizens in various areas of Town.
3. Purchase of 3 (paired) solar powered crosswalk signs. Total Cost approximately \$9,000.
 - To be deployed at Plum Island Center at east end of Plum Island Tnpk. and south end of Northern Blvd.

B. Animal Control- None

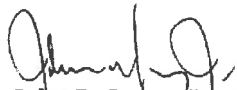
C. Harbormaster-

1. Trash Pump (gas powered). Cost \$800.00
 - For portable emergency pump out of flooded or compromised boats; and
 - Washing down of mud on the new ramp
2. "Tuff-Book" laptop system with case and software. Cost \$3,500.00
 - Provided direct link to Police software for checking vessel registrations;
 - Provided direct link to Police software for boater violations history and status;
 - Allows for report writing "on the fly", keeping patrols out rather than having to come into the PD.

D. Shellfish Constable

1. Replacement of patrol vehicle. 2021 Ford F-150 4X4 Cost \$30,000.00
 - Replaces 2009 Ford F250 with 90K miles;
 - Lighter duty for more economical use; and
 - Equipped for Shellfish Constable patrols and towing of skiff.

Respectfully submitted,



John R. Lucey Jr., Chief of Police
Newbury Police Department

Project Number:
(For office use only)

[Click here to enter text.](#)

CAPITAL REQUEST FORM TOWN OF NEWBURY

Department:	Police Department	Priority Level: (Rank Level 1-5, with 1 = Highest Priority)	2
Contact person:	John Lucey, Chief of Police		
Phone:	(978) 462-4440 x122	Email:	j.lucey@newburypolice.com
Proposed project name:	Replacement Admin. Cruiser		
Project location:	7 Morgan Ave		
Project description:	Replacement of 2014 Ford Explorer w/ 72K miles.		
Why project is needed/ consequence for not completing :	Life expectancy id 5-7 years. Significant repair and maintenance costs are expected to be incurred if not replaced. Body starting to rust from age.		
Combine with other projects? Which?	Click here to enter text.		
Date Asset was Built or Purchased	2014		
Useful Life (in years)	5-7		

Financial Implications

Total project cost:	\$42,000								
When needed (identify amount needed each year of Five Year Capital Plan):									
FY23	42,000	FY24	0	FY25	0	FY26	0	FY27	0
Potential grant funds or other resources that could help offset project costs (list in box to right):					Click here to enter text.				
Projected impact on operating costs [Show increases as positive (+) and savings as negative (-)]									
FY23	Click here to enter text.	FY24	Click here to enter text.	FY25	Click here to enter text.	FY26	Click here to enter text.	FY27	Click here to enter text.

Other Comments:

[Click here to enter text.](#)

Requested by:	John R. Lucey Jr., Chief of Police	Date:	11/01/2021
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Project Number:
(For office use only)

[Click here to enter text.](#)

**CAPITAL REQUEST FORM
TOWN OF NEWBURY**

Department:	Harbormaster (Shellfish Constable)	Priority Level: (Rank Level 1-5, with 1 = Highest Priority)	1
Contact person:	John Lucey, Harbormaster		
Phone:	(978) 462-4440 x122	Email:	j.lucey@newburypolice.com
Proposed project name:	Shellfish Constable Patrol Vehicle)		
Project location:	7 Morgan Ave.		
Project description:	Replacement of Shellfish Const. patrol vehicle w/ 2021 Ford F150 4X4.		
Why project is needed/ consequence for not completing :	Replacement of 2009 Ford F250 with 90K miles.		
Combine with other projects? Which?	Click here to enter text.		
Date Asset was Built or Purchased	N/A		
Useful Life (in years)	5-7		

Financial Implications

Total project cost:	\$30,000.00								
When needed (identify amount needed each year of Five Year Capital Plan):									
FY23	\$30,000.00	FY24	0	FY25	0	FY26	0	FY27	0
Potential grant funds or other resources that could help offset project costs (list in box to right):					Click here to enter text.				
Projected impact on operating costs [Show increases as positive (+) and savings as negative (-)]									
FY23	Click here to enter text.	FY24	Click here to enter text.	FY25	Click here to enter text.	FY26	Click here to enter text.	FY27	Click here to enter text.

Other Comments:

[Click here to enter text.](#)

Requested by:	John R. Lucey Jr., Harbormaster	Date:	11/01/2021
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Project Number:
(For office use only)

[Click here to enter text.](#)

**CAPITAL REQUEST FORM
TOWN OF NEWBURY**

Department:	Police Department	Priority Level: (Rank Level 1-5, with 1 = Highest Priority)	4
Contact person:	John Lucey, Chief of Police		
Phone:	(978) 462-4440 x122	Email:	j.lucey@newburypolice.com
Proposed project name:	Solar Powered Crosswalks Assist Signs (x3)		
Project location:	Plum Island Center (PI Blvd, Northern Blvd.), Newbury Elementary Crossing		
Project description:	Installation of pedestrian crossing alerts as indicated locations.		
Why project is needed/ consequence for not completing :	Assistance in alerting drivers of crossing pedestrians as indicated locations.		
Combine with other projects? Which?	Click here to enter text.		
Date Asset was Built or Purchased	N/A		
Useful Life (in years)	8-10		

Financial Implications

Total project cost:	\$9000 (\$3,000 each pair)								
When needed (identify amount needed each year of Five Year Capital Plan):									
FY23	\$9000	FY24	0	FY25	0	FY26	0	FY27	0
Potential grant funds or other resources that could help offset project costs (list in box to right):					Click here to enter text.				
Projected impact on operating costs [Show increases as positive (+) and savings as negative (-)]									
FY23	Click here to enter text.	FY24	Click here to enter text.	FY25	Click here to enter text.	FY26	Click here to enter text.	FY27	Click here to enter text.

Other Comments:

[Click here to enter text.](#)

Requested by:	John R. Lucey Jr., Chief of Police	Date:	11/01/2021
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Project Number:
(For office use only)

Click here to
enter text.

**CAPITAL REQUEST FORM
TOWN OF NEWBURY**

Department:	Police Department	Priority Level: (Rank Level 1-5, with 1 = Highest Priority)	4
Contact person:	John Lucey, Chief of Police		
Phone:	(978) 462-4440 x122	Email:	j.lucey@newburypolice.com
Proposed project name:	Solar Powered Radar Boards (x4)		
Project location:	TBD		
Project description:	Deployment of permanent or semi-permanent solar powered RADAR boards in strategic locations.		
Why project is needed/ consequence for not completing :	Traffic calming desire on various roadways and neighborhoods.		
Combine with other projects? Which?	Click here to enter text.		
Date Asset was Built or Purchased	N/A		
Useful Life (in years)	8-10		

Financial Implications

Total project cost:	\$12,000 (\$3,000 ea)								
When needed (identify amount needed each year of Five Year Capital Plan):									
FY23	\$12,000	FY24	0	FY25	0	FY26	0	FY27	0
Potential grant funds or other resources that could help offset project costs (list in box to right):					Click here to enter text.				
Projected impact on operating costs [Show increases as positive (+) and savings as negative (-)]									
FY23	Click here to enter text.	FY24	Click here to enter text.	FY25	Click here to enter text.	FY26	Click here to enter text.	FY27	Click here to enter text.

Other Comments:

Click here to enter text.

Requested by:	John R. Lucey Jr., Chief of Police	Date:	11/01/2021
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Dear Capital Improvement Committee

The purpose of this letter is to let you know the DPW is submitting a capital improvement request to continue the roof restoration on the Newbury Elementary School with a Garland Liquitec roof coating system. We would be applying this product to roof D which is 16,516 square feet. The last two years we have done about 34,000 square feet and have had great success with this product. The department is also looking to replace a 2007 sterling six wheel dump truck. We would be replacing this with a similar truck except the only difference is it would have a wing plow also. This truck currently plows Plum Island and without a wing we send a truck out in tandem with this truck. This new truck having a wing plow we would be hiring one less contractor during snow events and we would not having to send one of our other trucks with a wing down to plum island after the storm to push back or shelve the snow banking's. I would like to thank you for reviewing this request and if you have any questions feel free to give me a call at 978-465-0112

Sincerely,

A handwritten signature in cursive script, appearing to read "James Sarette".

James Sarette

Dpw Director

Capital Equipment Inventory and Target Replacement Date

Equipment +Yr Built	Last Repair	Condition	Useage	Target Replacement Yr
Peterbilt 6 wheel dump 2013	0	Excellent	Heavy	2028
Chevy one ton dump 2013	0	Excellent	Heavy	2022
Wheeled Excavator 2013	0	Excellent	Heavy	2023
Ford One ton Dump 2021	0	New	Heavy	2020
Ford one Ton Dump Truck 2011	Tires	Good	Heavy	2020
Ford Pick up 2017	Tires	Good	Heavy	2025
John Deere Loader 2009	Tires	Good	Heavy	2029
Freightliner 6 wheel dump 2009	Springs	Good	Heavy	2025
Sterling 6 Wheel Dump 2007	Transmission	Good	Heavy	2023
Elign Sweeper 2007	conveyor	fair	Seasonal	2024
John Deere Backhoe 2002		poor	Transfer station	
Mack 6 wheeler 2017	0	Excellent	Heavy	2032
John Deere Loader 2018	0	Excellent	Heavy	2038
John Deere 3039 2016		new	Seasonal	2031

Lawn Mowers and Trailers and Small Equipment

John Deere z track mower 2013	0	Excellent	Seasonal	2021
John Deere z track mower 2013	0	Excellent	Seasonal	2021
John Deere 54 in mower 1995	0	Fair	Seasonal	2017
Morbark wood chipper 1998	0	Fair	moderate	
Fork truck 1984	0	poor	light	2018
Wacker Neuson Roller 2019	0	Excellent	Light	2034



TOWN OF NEWBURY
CAPITAL PROJECT REQUEST
FORM B

Department & Activity: Newbury Elementary Roof Restoration Date Prepared: 10/12/2021

Contact Person: James Sarette Phone Number: 978-465-0112

1. Project Title: Nes Roof

3. Project Priority: Moderate

4. Location: Newbury Elementary School

2. Purpose of Project Request Form (check one):

- ☐ Add new item to the program
☐ Delete an item that is already part of the program, in one year.
☐ Modify a project already in the adopted program

5. Description:

To continue to repair the roof at the Newbury Elementary School with liquitex roofing system

6. Justification & Useful Life:

20 yrs

7. Cost & Recommended Source(s) of Financing:

1. Program year FY: _____	Total: <u>\$0.00</u> <u>100,000</u>	Recommended Finance Source: _____
2. Program year FY: _____	Total: _____	Recommended Finance Source: _____
3. Program year FY: _____	Total: _____	Recommended Finance Source: _____
4. Program year FY: _____	Total: _____	Recommended Finance Source: _____
5. Program year FY: _____	Total: _____	Recommended Finance Source: _____
6. Program year FY: _____	Total: _____	Recommended Finance Source: _____

8. Net Effects on Operating Costs (+/-):

Direct Costs:

Personnel: Number: _____ Cost: _____

Materials, Services, and Supplies: _____

Equipment Costs: _____

Utilities Costs: _____

Other Costs: _____

Subtotal: _____

Indirect Operating Costs:

Fringe Benefits Cost: _____

General Admin Cost: _____

Other Indirect Costs: _____

Subtotal: _____

Total Operating Cost: _____

Debt Serve (P&I) Costs: _____

Total Cost: _____

9. Net Effects on Municipal Income (+/-):

Taxes: Amount: _____

Other Income: Amount: _____

Subtotal: _____

Gain from sale of
replaced assets: Amount: _____

Total: _____

10. Submitting Authority:

By: James Sarette

Date: 10/12/2021 Position: Dfw Director

Sign: [Signature]

11 Reserved:

TOWN OF NEWBURY

CAPITAL PROJECT REQUEST FOR EQUIPMENT PURCHASE OR MAJOR RENTAL

FORM C

Department & Activity: <u>DPW 2007 Sterling dump Truck Replacement</u>		Date Prepared: <u>10/13/21</u>
Contact Person: <u>James Sarette</u>		Phone Number: <u>978-465-0112</u>

<p>1. Project Title/Ref. No.: <u>Dump truck Replacement</u></p> <p>2. Purpose of Project Request Form (check one): <input checked="" type="checkbox"/> Purchase <input type="checkbox"/> Rental</p> <p>3. Number of Units Requested: <u>1</u></p> <p>5. Purpose of Expenditure (check appropriate): <input type="checkbox"/> Scheduled replacement <input type="checkbox"/> Present equipment obsolete <input checked="" type="checkbox"/> Replace worn-out equipment <input type="checkbox"/> Reduce personnel time <input type="checkbox"/> Expand service <input type="checkbox"/> New operation <input type="checkbox"/> Increased safety <input type="checkbox"/> Improve procedures, records, etc.</p>	<p>4. Cost: <u>\$240,885</u></p> <p>Purchase Price or Annual Rental: <u>\$0.00</u> Units: <u>1</u> Total: <u>\$0.00</u></p> <p>Installation or Other Costs: _____ Units: _____ Total: _____</p> <p>Trade-In or Other Discount(s): _____ Units: _____ Total: _____</p> <p>Net Purchase Cost or Annual Rental: <u>\$0.00</u></p> <p>6. Number of Similar Items in Inventory: <u>3</u></p> <p>7. Estimated Use of Requested Item(s): Weeks per Year: _____ Months per Year: _____ Average Days per Week: _____ Average Hours per Day: _____ Estimated Useful Life in Years: _____</p>
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8. Replaced Item(s):																		
Item	Make	Age (yrs)	Prior Year															
A. <u>dump truck</u>	<u>sterling</u>	<u>15</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Maint. Costs</th> <th>Breakdowns</th> <th>Rental Costs</th> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table>	Maint. Costs	Breakdowns	Rental Costs	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Maint. Costs	Breakdowns	Rental Costs																
_____	_____	_____																
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_____	_____	_____																
_____	_____	_____																
B. _____	_____	_____	_____															
C. _____	_____	_____	_____															
D. _____	_____	_____	_____															
E. _____	_____	_____	_____															

9. Recommended Disposition of Replaced Item(s)		
<input type="checkbox"/> Possible use by other agency. Agency: _____ <input type="checkbox"/> Trade-In <input checked="" type="checkbox"/> Declare as surplus and sell.		

10. Submitting Authority:	
Submitted By: <u>James Sarette</u>	Date: <u>10/13/2021</u>
Position/Title: <u>DPW Director</u>	
Signature: <u>[Signature]</u>	

11. Reserved:

CUSTOMER PROPOSAL



PREPARED FOR

NEWBURY
197 HIGH RD
NEWBURY
MA 019512213

DATE

10/13/2021

PREPARED BY

BALLARD MACK SALES & SERVICE, INC.
939 EAST ST
TEWKSBURY
MA 018761453

QUOTE INFORMATION

PICK2021000387A595
GRANITE 42FR
Qty. 1



TECHNICAL SPECIFICATION

GRANITE 42FR

APPLICATION PACKAGES	DESCRIPTION
CHASSIS CONFIGURATION PACKAGE	ONEBOX EATS, LH BATTERY BOX, 8.7 GALLON (33L) SLEEVED DEF, SINGLE 26" LH FUEL TANK

CUSTOMER/VEHICLE INFO	DESCRIPTION
S CHASSIS (BASE MODEL)	GRANITE 42FR
S ASSEMBLY PLANT	Made in Macungie, PA USA
CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
TYPE OF SERVICE	MUNICIPAL
S WARRANTY REGISTRATION LOCATION	US - WARRANTY REGISTRATION LOCATION
EMISSION WARRANTY CERTIFICATION	EPA (only) for Mack MP7 / MP8 Diesel
S INITIAL REGISTRATION LOCATION	USA REGISTRATION
S LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
S ROAD CONDITION	WELL MAINTAINED SURFACED ROADS >95% DRIVING DISTANCE
VEHICLE USE & BODY/TRAILER TYPE	WING PLOW TRUCK
TRAILER TYPE	FIXED DRAWBAR TRAILER AND CENTERED AXLES
GROSS COMBINATION WEIGHT (CA in PC29 only)	60,000 LB (27.5 TONNES) GROSS COMBINATION WEIGHT
S BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 94M (310FT)
TOPOGRAPHY	GRADES <3% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 8%
S AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
S TERRAIN GRADE	ON-OFF HIGHWAY, STARTING GRADES<18%
S LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE
VEHICLE VOCATION	CONSTRUCTION SERVICE

ENGINE/TRANSMISSIONS	DESCRIPTION
ENGINE PACKAGE, COMBUSTION	MP7-325M MACK 325HP @ 1400-1900 RPM (PEAK) 2100 RPM (GOV) 1260 LB-FT, US'17
S GHG APPLICATION, VEHICLE	GREEN HOUSE GAS VOCATIONAL APPLICATION
TRANSMISSION	MACK TMD12AFO-HD mDRIVE HD 12 SP-(OVERDRIVE)
S GEARBOX 12TH GEAR LOCK-OUT	WITHOUT 12TH GEARBOX GEAR LOCK-OUT

EXHAUST/EMISSIONS	DESCRIPTION
CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, BASIC
S DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17 / US21
S CHASSIS MOUNTED EMISSIONS FINISH	W/O DEF COVER & PAINTED DPF COVER
DEF TANK	8.7 GALLON (33 L) 26" LEFT SIDE FUEL TANK MTD
S AD-BLUE TANK VENTILATION FILTER	WITHOUT DEF TANK VENTILATION FILTER
EXHAUST	SINGLE VERTICAL RIGHT SIDE CAB MOUNTED, LOWER VENTURI DIFFUSER, TURNED END
EXHAUST STACK HEIGHT	9' 6" FROM GROUND
EXHAUST SYSTEM MATERIAL FINISH	SINGLE, BRIGHT FINISH HEAT SHIELD, STACK AND SCR COVER (IF EQUIPPED)
EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2022

ENGINE EQUIPMENT	DESCRIPTION
AIR CLEANER	UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR CONTROLLED INSIDE-OUTSIDE AIR INTAKE

PRICELIST DATE
20220103

QUOTATION
PICK2021000387A595

DATE
10/13/2021

PAGE
2 of 10

TECHNICAL SPECIFICATION *(cont.)*



ENGINE EQUIPMENT		DESCRIPTION
S	BUG SCREEN	BLACK ALUMINUM BUG SCREEN MOUNTED BEHIND GRILLE, WITHOUT WINTER FRONT COVER
S	AIR COMPRESSOR/DRYER	WABCO AIR DR SS-HP AIR DRYER W/ WABCO 318 (18.7 CFM) AIR COMPRESSOR
S	AIR DRYER POSITION (CA)	AIR DRYER POSITION STANDARD
S	ALTERNATOR	DELCO 12V 160A (28SI) BRUSH-TYPE
S	BATTERIES	(3) MACK 12V 650/1950 CCA THREADED STUD TYPE
S	BATTERY BOX - MOUNTING	LH RAIL UNDER CAB FORWARD OF FUEL TANK (3 BATTERY MAX)
S	BATTERY BOX COVER	MOLDED PLASTIC
	BATTERY DISCONNECT SWITCH	FLAMING RIVER BIG SWITCH WIRED TO POSITIVE SIDE
	STARTER MOTOR	12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC)
S	ENGINE BRAKE	MACK MP7 POWERLEASH
S	FAN DRIVE	BEHR FAN AND ELECTRONIC MODULATING VISCOUS FAN DRIVE
S	COOLANT PROTECTION	ETHYLENE GLYCOL FULLY FORMULATED COOLANT (50/50 MIX DYED PINK) TO -34DEG. W/ FILTER
	RADIATOR TYPE	RADIATOR, CORE AREA W/O FEPTO 1345sq in (86sq dm), CORE AREA W/ FEPTO 1296sq in (83sq dm)
	HOSES - RADIATOR/HEATER	SILICONE RADIATOR & HEATER HOSES W/BREEZE CONSTANT TORQUE CLAMPS ON ALL COOLANT LINES
S	FUEL-WATER SEPARATOR	MACK W/MANUAL DRAIN VALVE W/ HOT RECIRCULATION (INTEGRAL W/ PRIMARY FUEL FILTER)
S	PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
	ENGINE HEATERS	120v 1500w BLOCK HEATER ONLY (120V-15A PLUG)
	OIL PAN	CORROSION RESISTANT OIL PAN
S	ENGINE STOP, EMERGENCY (CA In PC29 only)	WITHOUT ENGINE STOP, EMERGENCY

CLUTCH/TRANS EQUIPMENT		DESCRIPTION
S	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER
S	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL
S	CLUTCH ACTUATION SYSTEM & PEDAL PAD	WITHOUT CLUTCH CABLE SYSTEM
	DRIVELINE - MAIN	SPICER SPL250XL LITE - MEDIUM (PROPS-M)
	PROPELLR SHAFT MAIN, UNVSL JNT	UNIVERSAL JOINT HALF-ROUND TYPE
S	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC
S	BELL HOUSING	ALUMINUM
S	LUBRICANTS, TRANSMISSION	75W - 90 (SYNTHETIC LUBRICANT)
S	TRANSMISSION OIL COOLER	MACK mDRIVE TRANSMISSION OIL COOLER MOUNTED LH SIDE OIL TO WATER COOLER

FRONT AXLE EQUIPMENT		DESCRIPTION
	FRONT AXLE	20000# (9100 KG) MACK FXL20 WIDE PIVOT CENTER STRAIGHT SPINDLE/UNITIZED BEARINGS
	SPRINGS - FRONT	MACK TAPERLEAF 20000# (9100 KG) GROUND LOAD RATING, EQUAL BIAS
S	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 6" Q+
S	BRAKE, FRONT	CAST IRON
	FRONT AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR FRONT AXLE
S	FRONT BRAKE ADJ. MANUFACTURE	HALDEX - AUTOMATIC
S	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, MGM
S	HUB MATERIAL, FRONT	FERROUS
S	SHOCK ABSORBER, FRONT	DOUBLE ACTING TYPE
	STEERING	SHEPPARD SD110 + HD94
S	LUBRICANTS, FRONT AXLE	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE

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REAR AXLE EQUIPMENT		DESCRIPTION
	REAR AXLE - SINGLE	30000# (13600kg) MERITOR RS-30-185 SINGLE REDUCTION
S	REAR AXLE CASING WIDTH	W/O WIDE TRACK AXLE
	CARRIER - REAR AXLE	VENDOR CARRIER
	REAR AXLE RATIO	4.30 RATIO
	REAR SUSPENSION - SINGLE	30000# MULTILEAF W/HELPER NO ANTI-SWAY
	BRAKES - REAR	MERITOR CAM 16.5"x7" P BRAKES
S	BRAKE, DRIVE, REAR	CAST IRON
S	REAR BRAKE ADJ MANUFACTURE	HALDEX - AUTOMATIC
	DRIVE AXLE BRAKE DUST SHIELD	DUST SHIELDS FOR REAR AXLE
	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 30/30 TYPE
	BRAKE ORI REAR-MOST DRIVE AXLE	DRUM BRAKE CHAMBER ORIENTATION: Middle Mount - Forward of Axle - Chamber Up
S	REAR BRAKE CHAMBER	MGM TR3030LP3THD BRAKE CHAMBERS
	HUB MATERIAL, DRIVE	FERROUS
	LUBRICANTS, REAR AXLE(s)	75W - 90 (SYNTHETIC LUBRICANT)
	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK FRT RR AXLE, MANUAL AIR VALVE W/WARNING LIGHT.
S	ANTILOCK BRAKE SYSTEM	BENDIX WITH TRACTION CONTROL 4S4M
S	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE
S	TRACTION CONTROL DISABLE (CA in PC29 only)	AUTOMATIC TRACTION CONTROL (ATC) FULL DISABLE SWITCH

FRAME EQUIPMENT/FUEL TANKS		DESCRIPTION
	WHEELBASE	180"
	AF (OVERHANG)	63"
	FRAME RAILS & LINERS	11.1 x 90 x 300mm - (0.437" x 3.54" x 11.81"); RBM 2,820,000 LB-IN
	FRONT FRAME LENGTH	BUMPER POSITION EXTENDED 20" (SNOW)
S	CROSSMEMBERS	BOC AND INTERMEDIATE(S) STEEL HD BACK-TO-BACK CHANNEL
S	REAR CROSSMEMBER OPTIONS	STEEL CLOSING REAR CROSSMEMBER
S	REAR FRAME TREATMENT	WITHOUT TAPERED FRAME RAIL ENDS
S	FRONT BUMPER	EXTENDED-SWEPT BACK-STEEL
S	TOWING DEVICE, FRONT	HOOKS
S	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK
	FUEL TANK - LH	72 GALLON (275 L) 26" ALUMINUM, SLEEVED D-SHAPED
S	FUEL TANK - RH	W/O RH FUEL TANK
S	FUEL HOSES, LIQUID	BRAIDED HOSE
S	FUEL FILLER NECK OPTIONS	WITHOUT FILLER NECK SCREEN, WITH NON-LOCKABLE FUEL TANK CAP
	FUEL LINE OPTIONS, LIQUID	W/O FUEL LINE OPTION
S	CAB INSTEP VERSION	STANDARD 2 STEP CAB ACCESS
	STEPS (BRIGHT) - FUEL TANK	STANDARD FINISH STEPS AND BRIGHT FINISH STRAPS

AIR/BRAKE		DESCRIPTION
	AIRTANK DRAIN VALVE	MANUAL DRAIN VALVES, WITH LANYARD ON SUPPLY TANK ONLY
	AIRTANK MATERIAL	ALUMINUM AIR TANK PAINTED CHASSIS COLOR
CA	RELOCATE AIR RESERVOIRS	AIR TANKS UNDER RAILS, INBOARD, FORWARD OF REAR AXLE
	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK

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ELECTRICAL		DESCRIPTION
	DASH MOUNTED SWITCHES	(4) 15A, IGNITION POWERED, (2) 15A BATTERY POWERED, ALL LATCHING ON/OFF
	ROOF & SIDE MARKER LIGHTS	(5) GROTE CURVED W/ BEZEL ROOF MARKER & STANDARD MARKER / DIRECTIONAL SIGNAL
	AUXILIARY LAMPS (CA in PC29 only)	DASH CTRL/PWR SUPPLY/LOCAL INST FLOW LAMPS W/LEAD FURN@ GRILL W/2W/3W WEATHER PACK CON
S	DAYTIME RUNNING LIGHTS	W/OVERRIDE SWITCH, PARK BRAKE & ENGINE RUNNING ACTIVATED
S	DRL OVERRIDE SPEED THRESHOLD	DRL OVERRIDE SPEED THRESHOLD 8 KMPH (5 MPH)
S	TAIL LAMPS	INCANDESCENT TAIL LAMPS

TRAILER CONNECTIONS		DESCRIPTION
	TRAILER BRAKE VALVE	HAND CONTROL VALVE FOR TRAILER OR REAR SERVICE BRAKES - DUAL FUNCTION
	TRAILER CONNECTION POSITION (CA in PC29 only)	TRAILER AIR BRAKE CONNECTIONS, END OF FRAME
	TRAILER ELECTRICAL RECEPT	SINGLE 7 PINS STD SAE TYPE, END OF FRAME

PTO		DESCRIPTION
S	PTO - REAR MOUNTED	W/O TRANSMISSION MOUNTED PTO - (mDRIVE ONLY)
S	POWER TAKE OFF CONTROL	mDRIVE SINGLE PTO PREP KIT W/ ILLUMINATED DASH MOUNTED SWITCH & PIPING FOR LOCAL INSTALL
	CRANKSHAFT ADAPTER	1000/1100 SERIES FLANGE (DOES NOT INCLUDE FRONT FRAME EXTENSION)
S	PTO TRANS NEUTRAL CONTRL CHECK	W/O NEUTRAL CONTROL
S	BODY BUILDER INTERFACE	BODY LINK III W/CAB PASS-THRU

SPECIALTY EQUIPMENT		DESCRIPTION
S	LANE SUPPORT SYSTEM (LSS)	WITHOUT LANE SUPPORT SYSTEM
S	DATA CAPTURE	WITHOUT DATA CAPTURE
S	CAMERA, SURVEILLANCE	WITHOUT CAMERA

CAB INTERIOR (A THRU G)		DESCRIPTION
S	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)
	GAUGE - PACKAGE, SECONDARY	2ND GA PKG W/ENG OIL TEMP, TRANS OIL TEMP, PYRO, BOOST PRESS
S	AIR CONDITIONING/HEATER	BLEND AIR HVAC W/"ATC" TEMP REGULATION
S	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
S	DASH INDICATOR - LAMP BODY OUT OF POS	DASH MTD, INDICATOR BODY/HOIST UP "BODYBUILDER LAMP"
	FIRE EXTINGUISHER	5LB (ABC RATED/AMEREX) MOUNTED BETWEEN LH SEAT BASE AND DOOR WITH VALVE AIMED REARWARD
S	CARBON MONOXIDE DETECTION SYS	WITHOUT CARBON MONOXIDE DETECTION SYSTEM
S	FLOOR COVERING	POLYURETHANE FLOOR MAT WITHOUT REMOVABLE INSERTS

CAB INTERIOR (H THRU R)		DESCRIPTION
S	INSTMTN CLUSTER LANGUAGE	DEFAULT: ENGLISH, SPANISH, FRENCH
S	KEY TYPES FOR DOORS	ALL CHASSIS KEYED AT RANDOM
S	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY
S	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	AUDIO ACCOMMODATION	PREMIUM STEREO, AM/FM, MP3, WEATHER BAND, BLUETOOTH
S	ANTENNA - RADIO	RADIO ANTENNA, CAB MOUNTED BEHIND LH DOOR
	ANTENNA - CB RADIO	48" ANTENNA LEFT SIDE MIRROR MOUNTED

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CAB INTERIOR (H THRU R)		DESCRIPTION
S	AUDIO SHUTOFF	AUTO SHUTOFF FOR RADIO ENTERTAINMENT SYSTEM WHEN VEHICLE IS ENGAGED IN REVERSE
S	POWER LEADS	POWER LEADS (5-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE
S	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL
S	COM.RADIO PREP KIT (CB)	CB RADIO MOUNTING REINFORCEMENT IN HEADER CONSOLE
S	AUXILIARY REAR WINDOW	REAR WINDOW (FIXED TYPE)
S	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR
	REFLECTOR KIT	W/O SLEEPER BOX FURNISH KIT PARALLEL TO INSIDE SURFACE OF RIDER'S SEAT BASE

CAB INTERIOR (S THRU Z)		DESCRIPTION
S	INTERIOR TRIM LEVELS	STANDARD PACKAGE, STEEL GRAY (Package 11A)
S	SEAT - DRIVER'S	MACK-AIR, HIGH BACK, 1 CHAMBER AIR LUMBAR
S	SEAT COVERING - DRIVER'S	DRIVER'S SEAT - STEEL GREY VINYL
S	SEAT - PASSENGER'S	MACK-FIXED, HIGH BACK
S	SEAT COVERING - PASSENGER'S	PASSENGER'S SEAT - STEEL GREY VINYL
	SEAT ARMREST	INBOARD MOUNTED ARM REST, DRIVER'S SEAT ONLY
	SEAT BELT(S)	LAP & SHOULDER (BOTH SEATS) ORANGE IN COLOR
S	IGNITION TYPE	KEY TYPE
S	STEERING WHEEL	2 SPOKE URETHANE GRIP, GUNMETAL SPOKES, W/O SWITCHES
S	WINDSHIELD TYPE	TWO PIECE WINDSHIELD
S	CAB GLASS	TINTED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	WASHER RESERVOIR POSITION	W/O WINDSHIELD WASHER OPTION
S	WINDSHIELD WIPERS	2 SPEED ELECTRIC MOTOR W/INTERMITTENT FEATURE

CAB EXTERIOR		DESCRIPTION
S	HOOD LATCH TYPE & FINISH	STRAP TYPE HOOD LATCH WITH BLACK FINISH
S	EXTERIOR TRIM FINISH AND PACKAGES	GRANITE GRAY AIR INTAKE
	GRILLE	BRIGHT FINISH GRILLE W/O SURROUND RADIATOR MOUNTED
S	PASSENGER SIDE VISIBILITY OPTIONS	AUXILIARY WINDOW IN RH DOOR
	GRAB HANDLES	BF EXTERIOR CAB GRAB HANDLES, BLACK GRAB HANDLE RH INTERIOR WINDSHIELD POST
	HOOD HATCH	WITH INSPECTION HATCH FOR SNOWPLOW HOOD
	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET, BRIGHT FINISH ALUMINUM W/SNOW SHIELDS
S	HORN - ELECTRICAL	SINGLE TONE
	MIRRORS - EXTERIOR	FLAT MIRROR - POLISHED ALUMINUM FINISH, HEATED, W/O LAMPS
	MIRRORS - CONVEX TYPE CAB DOORS	BRIGHT FINISH, LH & RH, 8" DIAMETER HEATED CONVEX

AERODYNAMIC DEVICES		DESCRIPTION
S	CAB AERODYNAMIC PACKAGES	WITHOUT CAB AERODYNAMIC DEVICES
S	FRONT CHASSIS AERODYNAMIC PACKAGE	WITHOUT FRONT AERODYNAMIC FAIRINGS

WHEELS & TIRES		DESCRIPTION
	TIRES BRAND/TYPE - FRONT	315/80R22.5 L MICHELIN XZUS2 (20000 lbs) (Total for QTY = 2)
	WHEELS - FRONT	22.5x9.00 ALCOA 89U63x POLISHED OUTER ALUMINUM, 4.06" OFFSET, 10 HAND HOLE (Total for QTY = 2)
	TIRES BRAND/TYPE - REAR	11R22.5 H MICHELIN XDN2 (24020 lbs) (DRIVE ONLY) (Total for QTY = 4)

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WHEELS & TIRES		DESCRIPTION
	WHEELS - REAR	22.5x8.25 ALCOA ULT39x CLEAN BUFFED ALUMINUM, 6.60" OFFSET, 10 HAND HOLE (Total for QTY = 4)
S	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH
S	TIRE INFLATION VALVE	STANDARD VALVE STEMS AND CAPS
S	FRONT HUB/WHEEL TRIM	WITHOUT FRONT HUB/WHEEL TRIM
S	REAR HUB/WHEEL TRIM	WITHOUT REAR HUB/WHEEL TRIM
S	WHEEL NUT & FINISH, FRONT	WHEEL NUT BASIC FINISH, FRONT
S	WHEEL NUT FINISH, REAR (CA)	WHEEL NUT BASIC FINISH, REAR

COMMUNICATION SYSTEMS		DESCRIPTION
S	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	CO-PILOT DISPLAY, DRIVER ACCESS LEVEL 1
S	TELEMATIC GATEWAY	TELEMATICS GATEWAY, 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
S	SOFTWARE DOWNLOAD NOTIFICATION	SOFTWARE DOWNLOAD NOTIFICATION TO DRIVER, POPUP & ICON

ENGINE ELECTRONICS		DESCRIPTION
S	OIL PRESSURE, ENGINE SHUTDOWN	OIL PRESSURE, ENGINE SHUTDOWN
S	COOLANT TEMP, ENGINE SHUTDOWN	COOLANT TEMP, ENGINE SHUTDOWN
S	ENGINE PROTECTION SYSTEM	ENGINE PROTECTION (SHUTDOWN)
	ENG FAN CNTL, A/C ON, TIME SET	ENG FAN CONTROL, A/C ON, TIME SETTING, 60 SEC
S	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM
S	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME
S	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	IDLE S/D WARNING TIME	30 SEC IDLE S/D WARNING TIME
S	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	IDLE S/D WARM-UP TIMER	5 MIN. WARM UP TIME DELAY
S	IDLE S/D IF PTO ACTIVE	ENGINE IDLE SHUTDOWN TIME OVERRIDDEN IF PTO ACTIVE
S	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
S	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 1000 RPM
S	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM
S	EL HD THROTTLE,SPEED RAMP RATE	ELECTRONIC HAND THROTTLE, SPEED RAMP RATE, 100 RPM/SEC

TRANSMISSION ELECTRONICS		DESCRIPTION
S	TRANSMISSION DRIVE MODE PACKAGES, mDRIVE	mDRIVE- ENHANCED CONSTRUCTION - ECON, PERF, & PERF+ DRIVE MODES, AUTO RETURN (premium)
S	TRANSMISSION KICK-DOWN MODE	MACKCELLERATOR ENABLE
S	TRANSMISSION ELECTRONICS PACKAGE	W/O ELEC TRANS PACKAGE OPTION (all non-Allison transmissions)
	TRANSM AUTO NEUTRAL ON P-BRAKE	mDRIVE TRANSMISSION PARK BRAKE AUTO NEUTRAL
S	TRANSMISSION ELECTRONIC SHIFTING PROPERTIES	W/O ALLISON FUELSense 2.0 PROGRAMMING

VEHICLE ELECTRONICS		DESCRIPTION
S	ROAD SPEED LIMITER SETTING	105 KM/H ROAD SPEED LIMITER(65 MPH)

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VEHICLE ELECTRONICS		DESCRIPTION
S	PEDAL RSL SETTING	101 KMH PEDAL ROAD SPEED LIMITER (63MPH)
S	CRUISE CONTROL	CRUISE CONTROL
S	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
S	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH
S	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
S	MAXIMUM ENG SPEED AT 0 MPH	1000 MAXIMUM ENGINE SPEED AT 0 MPH
S	DETECTION SPEED SENSR TMPRNG	DETECTION OF SPEED SENSOR TAMPERING, ENABLE
S	ENG TORQUE LIMIT,SPEED SENSOR	ENG TORQUE LIMITED TO 50%, IF SPEED SENSOR TAMPER DETECTED
S	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED
S	DR PERFORMANCE PARAMETERS	WITHOUT DRIVER PERFORMANCE PARAMETERS
S	ENGINE OVERSPEED,ALL COND, LOG	ENGINE OVERSPEED, ALL CONDITIONS, TIME LOG IF ABOVE 2200 RPM
S	ENGINE OVERSPEED,FUELED, LOG	ENGINE OVERSPEED, FUELED, TIME LOG IF ABOVE 2100 RPM
S	VEHICLE OVERSPEED,ALL COND,LOG	VEHICLE OVERSPEED,ALL COND, TIME LOG IF ABOVE 75MPH (121KMH)
S	VEHICLE OVERSPEED, FUELED, LOG	VEHICLE OVERSPEED, FUELED, TIME LOG IF ABOVE 70MPH (113KMH)
S	ENGINE IDLE DELAY TO LOG	ENGINE IDLE DELAY TO START LOG, 2 MIN
S	PERIODIC TRIP LOG DAY OF MONTH	PERIODIC TRIP LOG, DAY 1 OF THE MONTH

PTO ELECTRONICS		DESCRIPTION
S	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	PTO1 SINGLE SPEED CONTROL RPM.	PTO 1ST, SINGLE SPEED SETTING, 1000 RPM
S	PTO 1ST, MAX ROAD SPEED	1ST PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S	PTO 1ST, SPEED RAMP RATE	PTO 1ST, SPEED RAMP RATE 100 RPM/SEC
S	PTO 1ST, MAX ENGINE SPEED	PTO 1ST, MAX ENGINE SPEED, 2100 RPM
S	PTO 1ST, ROAD SPEED LIMIT	PTO 1ST, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S	PTO 1ST, MINIMUM ENGINE SPEED	PTO 1ST, MINIMUM ENGINE SPEED, 600 RPM
S	PTO 2ND, SINGLE SPEED SETTING	PTO 2ND, SINGLE SPEED SETTING, 1000 RPM
S	PTO 2ND, MAX ROAD SPEED	2ND PTO, MAX ROAD SPEED, 10 MPH (16 KPH)
S	PTO 2ND, SPEED RAMP RATE	PTO 2ND, SPEED RAMP RATE 100 RPM/SEC
S	PTO 2ND, MAX ENGINE SPEED	PTO 2ND, MAX ENGINE SPEED, 2100 RPM
S	PTO 2ND, ROAD SPEED LIMIT	PTO 2ND, ROAD SPEED LIMIT, 97 KMH (60 MPH)
S	PTO 2ND, MINIMUM ENGINE SPEED	PTO 2ND, MINIMUM ENGINE SPEED, 600 RPM

PAINT		DESCRIPTION
S	PAINT DESIGN	SINGLE COLOR
S	PAINT TYPE	SOLID PAINT
S	PAINT COLOR - FIRST COLOR	MACK WHITE; P9188
S	PAINT COLOR - SECOND COLOR	NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	PAINT COLOR - THIRD COLOR	NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	PAINT - CAB PAINT SYSTEM	PAINT - CAB, URETHANE CLEAR COAT
S	CAB COLOR	SAME AS FIRST COLOR - CAB
S	HOOD COLOR	SAME AS FIRST COLOR - HOOD
S	SLEEPER ROOF COLOR	WITHOUT SLEEPER ROOF COLOR
S	ROOF FAIRING COLOR	WITHOUT ROOF FAIRING

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PAINT		DESCRIPTION
S	CHASSIS RUNNING GEAR	MACK BLACK (URETHANE); P3036
S	BUMPER	PAINT BUMPER SAME COLOR AS CHASSIS RUNNING GEAR
S	FUEL TANK - ***NO INVENTED VARIANTS ALLOWED in the FUEL TANK PAINT FAMILY***	W/O OPTIONAL FUEL TANK PAINT
S	HUBS & DRUMS-FRONT	SAME AS CHASSIS RUNNING GEAR
S	HUBS & DRUMS-REAR	SAME AS CHASSIS RUNNING GEAR

BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION
S	VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICATION
S	BASIC CHASSIS COVERAGE	HEAVY DUTY STANDARD BASE COVERAGE 12 MONTHS/100,000 MILES (161,000 KM)
	EMISSION - SURCHARGE	EPA (only) for Mack MP7 / MP8 Diesel
S	ENGINE WARRANTY	MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	EMISSION COMPONENT COVERAGE	US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
S	TRANSMISSION WARRANTY	36 MONTHS: STANDARD mDRIVE HD TRANSMISSIONS HEAVY DUTY WARRANTY
	CARRIER & AXLE HOUSING WARRANTY	STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 36 MONTHS/350,000 (563,00 KM)
S	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
S	CHASSIS TOWING WARRANTY	STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	ENGINE TOWING WARRANTY	STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
S	GUARDDOG CONNECT BUNDLE	24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall!)
S	PREPAID API	WITHOUT PREPAID API
S	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	W/O PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE

ADDITIONAL ENGINEERING (Non Approved)	DESCRIPTION
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J.C. MADIGAN INC.
450 OLD UNION TURNPIKE
LANCASTER, MA.

SALES DEPT.
TEL. (978)847-2900
FAX (978)847-0068

QUOTE: TOWN OF NEWBURY HWY DEPT

TO SHAWN R. @ BALLARD MACK

FROM JOHN DWYER

- 1) 11 FT (6 TO 8 CU YD) MONOSHELL DESIGN HI-TENSILE (44W) STEEL DUMP BODY BiBEAU MODEL MS-1 WITH A DOUBLE ACTING MAILHOT TELESCOPIC HOIST AND 3/16" AR200 FLOOR INSTALLED ON A TOWN SUPPLIED CHASSIS UNDERCOATED AND PAINTED ONE COLOR
- A) 30" STEEL CABSHIELD W/ BACKUP AND LIFT ALARMS
 - B) SIDE MTD. ACCESS LADDER / FRONT MTD. SHOVEL HOLDER
 - C) AIRGATE W/ IN-CAB MOUNTED CONTROLS
 - D) AERO AUTO TARP SYSTEM W/ ASPHALT COVER & ALUM. ARMS
 - E) (3) TAILGATE MOUNTED COAL DOOR & (2) SAFETY LOCKS
 - F) REAR, & FRONT REAR AXLE MUDFLAPS
 - G) 30" SIDE HEIGHT W/ 42" TAILGATE
 - H) SIDE MOUNTED SANDER MOUNTING PLATES
 - I) REAR CORNER POST MTD. LED FLASHERS & ST/TL/BU'S
 - J) 3/4" PINTLE PLATE W/ 30T PINTLE, D-RINGS, TRAILER PLUG, & GLADHANDS (IF FACTORY TRAILER PKG SUPPLIED)
 - K) RECESSED FRONT & SIDE CABSHIELD MOUNTED LED FLASHERS
 - L) ALL WARNING LIGHTS W/ SEPARATE SWITCHES
- 2) FRONT MOUNTED CENTRAL HYDRAULIC SYSTEM WITH DRY VALVE, IN-CAB MOUNTED LEVER CONTROLS TO OPERATE DUMP, 4-WAY PLOW, PATROL WING, AND POWER BEYOND .
- A) LINES PIPED W/ STAINLESS TO THE REAR
 - B) PEDISTAL MOUNTED 2FFL SANDER CONTROLS
 - C) LOWER DUMP CONTROL HANDLE

3) EVEREST POWER TILT CUSTOM PLOW FRAME MODEL
PT INSTALLED W/ HITCH MOUNTED PLOWLIGHTS

4) 11' 36" HIGH INTAKE 54" HIGH DISCHARGE STEEL
VORTEX STYLE MOLDBOARD TRIP EDGE SNOW PLOW
EVEREST MODEL R132TEL3654SH-(V) WITH HYDRAULIC
REVERSING MODE, CRANK DOWN LANDING LEG, CURB
AND WEAR SHOES, GUIDEPOLES, AND CUTTING EDGE
INSTALLED.

5) EVEREST FULL HYDRAULIC PATROL WING SYSTEM
THREE FUNCTION TELESCOPIC ARM SYSTEM MODEL
ACPEA/ACP48/WT W/ 12' EVEREST WING BLADE / SHALL
BE SUPPLIED W/ CUTTING EDGE

5) 10' W/ PLUS 6" SIDES 304 STAINLESS STEEL HI-WAY
MATERIAL SPREADER MODEL E-2020-XT INSTALLED IN
THE DUMP BODY ABOVE WITH THE FOLLOWING ITEMS

- A) FRONT STAINLESS SPILLSHIELD
- B) HEAVY DUTY MATERIAL SCREENS
- C) DUMP BODY MOUNTING KIT W/ PT WOOD RUNNERS
- D) REAR MOUNTED S/S LIGHTBAR W/ LED FLASHERS & ST/TL
- E) EXTENDED SPINNER CHUTE W/ POLY SPINNER
- F) (2) SPINNER CHUTE MOUNTED LED WORKLIGHTS

PRICE \$108,950.00

OPTIONS:

- A) DUAL POLY TANKS W/ ELECTRIC PRE-WET SYSTEM ADD
\$4500.00

APPROVAL _____ DATE _____

PO# _____ 10/07/2021

92" CA / CLEAR OUTSIDE FRAME 36" BOC CURB SIDE / PARENT FRONT FRAME EXTENSION/
BODY BUILDER'S WIRING BLOCK & 5 OR 6 AUX. DASH SWITCHES / FRONT ENGINE
DAMPER ADAPTER/ PLOWLIGHT WIRING PREP

PRICING SUMMARY

GRANITE 42FR

VEHICLE PRICE

\$240,885.00

TAX SUMMARY

FET

AMT. SUBJECT TO TAX

\$240,885.00

\$0.00

TOTAL SELLING PRICE (PER UNIT) USD

\$240,885.00

NEWBURY

DATE

BALLARD MACK SALES & SERVICE, INC.

DATE

PRICELIST DATE

20220103

QUOTATION

PICK2021000387A595

DATE

10/13/2021

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